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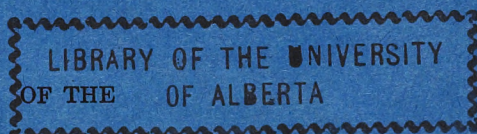
DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

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Minister
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M. W. MACKENZIE

ANNUAL REPORT



Board of Grain Commissioners
for Canada

FOR THE YEAR

1946



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY

1947

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REPORT OF THE BOARD

BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,
January 23, 1947

Honourable JAMES A. MACKINNON, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the Year 1946 in compliance with Section Twenty-three of the Canada Grain Act, 1930.

GENERAL CONDITIONS

While the estimated acreage sown to wheat in Canada in 1946 showed an increase of 2,486,900 acres over the acreage of 23,414,100 in the previous year, the estimated acreage sown to oats, barley, rye and flaxseed indicated reductions in each case as compared with 1945. With more favourable conditions during the growing season, however, production increased in all grains as follows:—

	1945	1946
	(Bushels)	(Bushels)
Wheat.....	318,512,000	420,725,000
Oats.....	381,596,000	399,483,000
Barley.....	157,757,000	159,912,000
Rye.....	5,888,000	6,913,000
Flaxseed.....	7,593,000	7,651,000

As at July 31st, 1946 the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to only 177 million bushels as compared with 366 million bushels in 1945 and 498 million bushels in 1944.

After the record movement of 483.7 million bushels from the Lakehead during the 1945 season of navigation, shipments during the 1946 season dropped to a total of 240.1 million bushels and at the end of December, 1946 there was in store 21.3 million bushels of grain at the Head of the Lakes as compared with 36 million bushels the previous year.

Shipments from Pacific Ports have continued to increase. During the crop year ended July 31st, 1946, 74,917,883 bushels of all grains were shipped and during the first five months of the current crop year 21,420,791 bushels.

During August and September 2,928,936 bushels of wheat were shipped from the Churchill elevator and at December 31st, 1946 there remained in store in this elevator only 42,642 bushels of wheat.

Climatic conditions during the harvesting of the 1946 crop, particularly in the northern areas, led to a larger percentage of tough and damp grain than usual.

ELEVATOR CHARGES

At the public meetings held by the Board in June and July, 1946 at Vancouver, Toronto and Winnipeg to hear representations regarding the maximum tariffs of charges to be fixed by the Board for the crop year commencing August 1st, 1946, submissions were made by the different interests for substantial increases in certain charges for the handling and storing of grain at the different classes of elevators. These applications were based on increased costs of operation.

After considering the various submissions the Board recommended to the Wartime Prices and Trade Board that certain of these increases and lesser increases in other charges be approved. However, at that time approval was only granted for an increase in the daily storage rate at terminal elevators at Fort William-Port Arthur, Winnipeg and on the Pacific Coast from one forty-fifth of one cent (1/45c.) per bushel to one-thirtieth of one cent (1/30c.) per bushel, the pre-war rate.

In December, 1946 the Wartime Prices and Trade Board, after considering further submissions from the elevator interests concerned, informed this Board that the recommendations made in August, 1946 had been concurred in and effective January 1st, 1947, the maximum elevation charges on wheat, oat, barley and corn have been increased from one and one-quarter cents (1¼c.) per bushel to one and three-eighths cents (1⅜c.) per bushel and on rye from one and one-half cents (1½c.) to one and three-quarter cents (1¾c.) per bushel. The maximum storage charge at Georgian Bay and Lower Lake port elevators has been increased from one forty-fifth of one cent (1/45c.) to one-thirtieth of one cent (1/30c.) per bushel per day and the free storage period at Georgian Bay, Lower Lake and Upper St. Lawrence elevators reduced from fifteen to ten days. Increased maximum cleaning charges have been provided for cleaning rye at terminal elevators.

LAKE FREIGHT RATES

During 1946 no change was made by the Board in the maximum rates fixed for the carriage of grain from Port William-Port Arthur by lake or river navigation except that, effective September 20th, 1946 and for the balance of the 1946 season of navigation, the maximum rate on export wheat transferred at Sarnia, Port Colborne, Humberstone, Kingston, Prescott or Toronto was increased from three-quarters of one cent (¾c.) per bushel allowable only to the operator of the canal steamer.

The Dominion Marine Association in September, 1946 made a submission to the Wartime Prices and Trade Board for increased lake freight rates on different commodities and to the Board for increased rates on grain. No decision was arrived at on these applications before the end of the year.

AUDIT OF STOCKS—TERMINAL AND EASTERN ELEVATORS

Of the twenty-five semi-public terminal elevators at the Head of the Lake operated in 1946 twenty-one were audited during the year and the other four were audited early in the new year. Excess overages in the non-mixing grades of wheat were disclosed at one elevator and a demand has been made on the license for settlement to the Board in accordance with the provisions of Section 138 of the Canada Grain Act.

The Canadian Government Interior Terminal Elevators, at Saskatoon, Moose Jaw, Edmonton, Calgary and Lethbridge were audited in July, 1946, as well as the semi-public terminal elevator at Transcona, Manitoba operated by the Eastern Terminal Elevator Company, Limited, but no excess overages were disclosed. The stocks in the Churchill semi-public terminal elevator were audited at the close of the 1946 shipping season but no excess overages were disclosed.

The seven semi-public terminal elevators in British Columbia were audited in May, June and July, 1946, but no excess overages were disclosed.

Of the twenty-nine Eastern Elevators operated twenty-seven were actually weighed over during 1946 and the stocks in the other two elevators were estimated. At one elevator excess overages were disclosed and settlement was made to the Board in the amount of \$4,266.31.

ENTOMOLOGICAL INVESTIGATIONS

In 1941, to assist the Dominion Division of Entomology, the Board engaged the services of Dr. B. N. Smallman as Entomologist to institute measures for the control of insect infestation in stored grain during a period of acute storage congestion.

Subsequently, on April 1, 1946, the Department of Agriculture established a Stored Products Laboratory at Winnipeg and Dr. Smallman was transferred from the Board's staff to take charge of this laboratory, which will provide entomological service for the grain trade.

The Board takes this opportunity of expressing its appreciation of the valuable work performed by Dr. Smallman from January, 1941 to March, 1946.

ASSISTANT COMMISSIONERS

The continued generally favorable condition of agriculture combined with fixed prices has tended to continue to reduce the number of complaints requiring investigation by the Assistant Commissioners but the services of these officials in inspecting country elevators continue to be of material assistance to the Board in administering the provisions of the Canada Grain Act.

CANADIAN GOVERNMENT ELEVATORS

With the general easing up in the storage situation the demand for storage space at the interior terminal elevators operated by the Board at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge fell off during 1946. During the crop year ended July 31, 1946, total receipts were 4,927,415 bushels and shipments 13,685,952 bushels, with only 2,035,576 bushels of all grains and 13,840 pounds of sunflower seed remaining in store at December 27, 1946.

The Port Arthur Elevator is still under lease to McCabe Grain Company, Limited.

The Prince Rupert Elevator has remained empty throughout the year.

A dust-collecting system is under process of installation in the Port Arthur Elevator and a contract has been let for a similar installation in the Edmonton Elevator.

COMMITTEES ON GRAIN STANDARDS

Committees on Grain Standards for the Crop Year 1946-47 were constituted by the Board in accordance with Section 25 of the Canada Grain Act, 1930.

The Western Committee was convened in Winnipeg on October 15, 1946, and the Eastern Committee at Toronto on November 5, 1946.

WHEAT BONUS

Outstanding wheat bonus certificates in the amount of \$2.10 were redeemed during the past year. Outstanding certificates still remain in the amount of 7,743.53 as at December 31, 1946.

THE PRAIRIE FARM ASSISTANCE ACT, 1939

The Board has continued, under the Prairie Farm Assistance Act, 1939, to collect one per cent (1%) of the purchase price of grain marketed in the three western provinces. During the crop year ended July 31, 1946, the sum of \$3,426,358.40 was collected, making total collections since the inception of this scheme on August 1, 1939 to July 31, 1946, of \$22,719,676.27.

PERSONNEL

We regret to have to record the death of Mr. W. H. Blatchford, Assistant Commissioner for Alberta, which occurred suddenly on November 22, 1946. The manner in which Mr. Blatchford carried out his duties which brought him into direct contact with producers and grain handlers throughout the Province of Alberta, was of great assistance to the Board in administering the provisions of the Canada Grain Act.

Other changes among senior members of the Board's staffs during the year were:

Mr. William T. Todd, Registrar of Warehouse Receipts, retired effective August 1, 1946, at the age of sixty-seven after thirty-four years' service as head of the Board's Registration Branch, during which time the manner in which he carried out his duties contributed largely to the general confidence in the system of registration of warehouse receipts which is such a vital factor in the bulk handling of grain.

Mr. E. L. Jaffray, Head Clerk in the Weighing Branch at Fort William, promoted to the vacant position of Registrar of Warehouse Receipts.

Mr. R. C. Deakin, Deputy Registrar of Warehouse Receipts at Montreal, retired effective November 28, 1946, at the age of sixty-five after thirty-four years' efficient service; replaced by Mr. J. W. Hartley of the staff of the Winnipeg Registration Office.

Mr. E. H. Lacey, Weighmaster, Winnipeg, retired effective October 1, 1946, at the age of sixty-five after thirty-five years' service; replaced by Mr. F. G. Stevens, Grain Weighman, Winnipeg.

Mr. A. T. Calder appointed Chief Statistician, Fort William, effective July 26, 1946.

EXPENDITURES AND REVENUES

Total expenditure for the fiscal year 1945-46, exclusive of the Canadian Government Elevators, was \$1,920,986.47 compared with \$1,809,881.48 for the previous fiscal year. Revenue for the fiscal year 1945-46 was \$2,037,462.55 compared with \$1,886,587.30 for the previous fiscal year, an increase of \$150,875.25.

Owing to extension of the Board's Grain Research Laboratory facilities, reduced working hours and increased cost-of-living bonus, total expenditure for the first nine months of the current fiscal year was \$5,118.61 more than in the corresponding period in the previous fiscal year, while the revenue for the same period, owing to a reduced volume of shipments from terminal elevators, showed a decrease of \$707,194.80.

Reports of the various departments of the Board are attached hereto as appendices, for your information.

Respectfully submitted,

D. G. MCKENZIE,
Chief Commissioner.

D. A. MACGIBBON,
Commissioner.

C. M. HAMILTON,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,
January 23, 1947.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing different matters handled in the Executive Offices of the Board during the Year 1946:

- (a) Complaints.
- (b) Prosecutions.
- (c) Defaults.
- (d) Cars Out of Turn.
- (e) Receipt of Wheat into Country Elevators from Railway Cars.
- (f) Report of Warehouseman.
- (g) Licences Issued During Past Twenty Years.
- (h) Grain Loading Platforms.
- (i) Prairie Farm Assistance Act—One Per Cent Levy.
- (j) Statistics.
- (k) Annual Weigh-over—Terminal Elevators.

Yours truly,

J. RAYNER,
Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1946, the Board investigated thirty-three (33) complaints, including three (3) outstanding at December 31, 1945, regarding the handling of grain at country elevators, shipments to terminal elevators and the operations of licensees under the Canada Grain Act as follows:

Manitoba.....	7
Saskatchewan.....	8
Alberta.....	15
Outstanding at December 31, 1945.....	3
	<hr/> 33

These were disposed of as follows:

Complaint withdrawn.....	2
No grounds for complaint.....	15
Settlement effected.....	3
Outside jurisdiction of Board.....	5
Licensee warned.....	4
Not yet disposed of.....	4
	<hr/> 33

MISCELLANEOUS COMPLAINTS

Nine (9) complaints were received by the Board in respect to the handling of grain at terminal elevators and all-rail shipments to Eastern Canada. The together with one (1) complaint outstanding at December 31, 1945, were disposed of as follows:

Complaint withdrawn.....	1	
No grounds for complaint.....	3	
Settlement effected.....	3	
Outside jurisdiction of Board.....	3	10

EXPORT SHIPMENTS

Thirteen (13) complaints in respect to overseas shipments were received during the year ending December 31, 1946, these being disposed of as follows:

No grounds for complaint.....	5	
Settlement effected.....	1	
Not yet disposed of.....	7	13

(b) PROSECUTIONS

During the year under review six (6) prosecutions were instituted by the Board for breaches of the provisions of the Canada Grain Act. Convictions were obtained in each case, the defendants being fined five dollars (\$5.00) each.

(c) DEFAULTS

There were no defaults by licensees during the year 1946.

(d) CARS OUT OF TURN

During the year 1946, 130 out-of-turn cars were ordered by the Board, under the provisions of Section 68 (2) of the Canada Grain Act for the shipment of grain out of condition grain.

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 108 (a) of the Canada Grain Act, the Board authorized the receipt of wheat from railway cars into country elevators in a total of 1,085 cars.

(f) REPORT OF LICENCE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following summary of Licence and Bonding for the crop year 1945-46.

During the season which commenced on August 1, 1945, and ended on July 31, 1946, one hundred and thirty-seven (137) firms and individuals applied for licences as required by the provisions of the Canada Grain Act.

Five thousand, six hundred and ninety-four (5,694) applications for licences to operate were received and five thousand, six hundred and seventy-one (5,671) licences were issued. Sixteen (16) licences were transferred and seven (7) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	27	.....	27	.....
Commission Merchants.....	36	.....	36	.....
Grain Dealers.....	11	.....	11	.....
Public Terminal Elevators.....	6	.....	6	.....
Semi-Public Terminal Elevators.....	37	.....	37	.....
Private Terminal Elevators.....	8	.....	8	.....
Eastern Elevators.....	30	.....	30	.....
Mill Elevators.....	40	1	39	1
Private Country Elevators.....	7	.....	7	.....
Public Country Elevators.....	5,476	6	5,470	15
Transfers.....	16	.....	.....	.....
	5,694	7	5,671	16

In addition to the above applications for regular elevator licences, the Board also received twenty-three (23) applications for authority to operate buildings as "Special Annexes" under authority of Order in Council P.C. 4215. No fee was required from the applicants but they were required to deposit with the Board surety bonds to cover their operations at these "Special Annexes".

At December 1, 1945, there were 5,755 buildings classed as Elevators under the provisions of The Canada Grain Act, 5,724 in the Western Division and 31 in the Eastern Division; of these, 5,587 were in operation under licence at that date. Details of these buildings and their storage capacities, together with several summarizing statements and other relative information, may be found in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions".

The total licensed storage capacity as at July 31, 1946, was 513,420,470 bushels; elevators proper and permanent annexes comprising 422,988,420 bushels; temporary annexes 89,767,050 bushels and special annexes 665,000 bushels.

The following licences, which were granted at the commencement of the season to the underlisted firms, were cancelled by Order of the Board on the dates and for the reasons stated hereunder:

<i>Semi-Public Terminal Elevator</i> <i>Licence No. S.P. 90</i>	Searle Grain Company Limited of Winnipeg, Manitoba; elevator at Kenora, Ontario; cancelled 10 November, 1945; elevator closed.
<i>Private Terminal Elevator</i> <i>Licence No. Pte. T. 101</i>	Canada Malting Company Limited of Toronto, Ontario; elevator at Clagary, Alberta; cancelled 24th April, 1946; elevator taken over by Renown Mills Limited.
<i>Mill Elevator</i> <i>Licence No. M. 69</i>	Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Edmonton, Alberta; cancelled 29th April, 1946; elevator demolished.
<i>Public Country Elevator</i> <i>Licence No. 995</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator at Silverton, Manitoba; cancelled 25th April, 1946; elevator closed.
<i>Public Country Elevator</i> <i>Licence No. 1301</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator "B" at Lanfine, Alberta; cancelled 21st August, 1945; elevator dismantled.
<i>Public Country Elevator</i> <i>Licence No. 1314</i>	National Grain Company Limited of Winnipeg, Manitoba; elevator at Stanmore, Alberta; cancelled 11th August, 1945; elevator dismantled.

<i>Public Country Elevator Licence No. 1499</i>	Ogilvie Flour Mills Company Limited of Montreal, Quebec; elevator at Saltcoats, Saskatchewan; cancelled as from date of issue; elevator not being operated.
<i>Public Country Elevator Licence No. 1885</i>	Canadian Consolidated Grain Company Limited of Winnipeg, Manitoba; elevator at Verulam, Saskatchewan; cancelled 24th April, 1946; elevator demolished.
<i>Public Country Elevator Licence No. 2183</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Spring Valley, Saskatchewan; cancelled 17th April, 1946; elevator closed.
<i>Public Country Elevator Licence No. 1946</i>	Western Grain Company Limited of Winnipeg, Manitoba; elevator at Glenboro, Manitoba; cancelled 21st August, 1945; elevator destroyed by fire.
<i>Public Country Elevator Licence No. 2348</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Glaslyn, Saskatchewan; cancelled 16th July, 1946; elevator sold and not operated by purchaser.
<i>Public Country Elevator Licence No. 2394</i>	Reliance Grain Company Limited of Winnipeg, Manitoba; elevator at Swanson, Saskatchewan; cancelled 14th January, 1946; elevator sold and not operated by purchaser.
<i>Public Country Elevator Licence No. 3774</i>	United Grain Growers Limited of Winnipeg, Manitoba; elevator at Oliver, Alberta; cancelled 8th November, 1945; elevator sold for wrecking.
<i>Public Country Elevator Licence No. 3993</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Bracken, Saskatchewan; cancelled 28th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4031</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Loomis, Saskatchewan; cancelled 28th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4085</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Rokeby, Saskatchewan; cancelled 14th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4147</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Chaplin, Saskatchewan; cancelled 30th April, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4308</i>	Federal Grain Limited of Winnipeg, Manitoba; elevator at Riverhurst, Saskatchewan; cancelled 28th May, 1946; elevator closed.
<i>Public Country Elevator Licence No. 4320</i>	Alberta Wheat Pool of Calgary, Alberta; elevator at Entwistle, Alberta; cancelled 3rd May, 1946; elevator dismantled.
<i>Public Country Elevator Licence No. 5459</i>	James Richardson & Sons Limited of Winnipeg, Manitoba; elevator at Winkler, Manitoba; cancelled 29th November, 1945; elevator destroyed by fire.

Licence fees collected amounted to \$30,026.00, of this amount \$40.00 was refunded to applicants on account of applications for licences having been withdrawn.

Surety bonds amounting to \$24,215,797.00 were executed by seventeen (17) of the approved surety companies and were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licencees; in addition, six (6) licencees deposited negotiable Government bonds with a par value of \$26,500.00 in lieu of furnishing the usual forms of surety bonds; \$90,000.00 of this security was to cover the grain stored in "Special Annexes".

No changes occurred in the permanent staff of this Branch during the season of 1945-46. It was, however, necessary to employ temporary clerical assistance for a longer period than customary, owing to the fact that the routine work of maintaining the records in connection with the collection of the One Percentum Levy under the Prairie Farm Assistance Act necessitates the full-time services of one of the permanent employees of this Branch, whose regular duties have been performed by temporary employees.

Yours respectfully,

C. F. SPITTLE,
Warehouseman.

(g) STATEMENT SHOWING NUMBER AND KIND OF LICENCES ISSUED DURING THE SEASONS
1905-06; 1911-12; 1917-18; and 1929-30 to 1945-46

Kind	1945- 1946	1944- 1945	1943- 1944	1942- 1943	1941- 1942	1940- 1941	1939- 1940	1938- 1939	1937- 1938	1936- 1937	1935- 1936	1934- 1935	1933- 1934	1932- 1933	1931- 1932	1930- 1931	1929- 1930	1917- 1918	1911- 1912	1905- 1906
Public Country Elevators.....	5,470	5,524	5,540	5,579	5,605	5,614	5,622	5,418	4,641	5,234	5,528	5,302	5,504	5,661	5,145	5,500	5,082	3,577	1,972	1,099
Private Country Elevators.....	7	6	6	6	6	6	6	7	13	11	12	13	14	9	12	385	398			
Public Terminal Elevators.....	6	6	6	6	6	6	6	5	3	6	6	7	7	9	10	8	11	17		
Semi-Public Terminal Elevators...	37	37	38	39	39	39	38	34	30	33	38	39	38	39	32	35	licensed as Pri- vate Elevators)	**34		
Private Terminal Elevators.....	8	8	8	8	9	10	13	38	40	39	36	37	37	38	37	40	176	120		**10
Eastern Elevators.....	30	30	31	30	30	31	30	29	29	29	31	31	30	29	28	29	420	418		
Mill Elevators.....	39	39	38	35	34	38	38	15	17	15	19	19	21	22	26	25	*27			
Elevator Space.....																				
Track Buyers.....	27	29	31	31	31	33	36	38	40	40	41	46	51	64	57	48	62	156	123	
Commission Merchants.....	36	36	39	38	38	39	43	47	47	48	51	56	61	63	64	57	71	126	84	
Grain Dealers.....	11	14	15	17	18	21	24	23	19	17	24	25	20	15	75	3	3			
Total Number Issued.....	5,671	5,729	5,752	5,789	5,816	5,837	5,856	5,654	4,879	5,472	5,786	5,575	5,783	5,949	5,486	6,130	5,751	3,921	2,271	1,109

†Licensed as Private Elevators.

‡Licensed as Public Elevators.

*Licensed as Manufacturing Elevators.

**Licensed as Terminal Elevators.

(h) GRAIN LOADING PLATFORMS

During the year 1946, no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN LOADING PLATFORMS
IN WESTERN CANADA

Province	Number of Platforms	Car Capacity
Manitoba.....	606	1,537
Saskatchewan.....	1,282	2,769
Alberta.....	727	1,440
British Columbia.....	45	94
Ontario.....	17	34
Total as at December 1, 1946.....	2,677	5,874

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1945, to July 31, 1946

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$		\$		\$		\$	\$
Manitoba.....	29,980,139	370,592.26	16,706,359	68,750.74	25,027,807	132,991.30	206,032	3,074.39	575,408.69
Saskatchewan.....	140,247,904	1,520,726.22	66,073,451	268,234.66	31,407,621	161,255.59	1,795,749	27,518.95	1,977,735.42
Alberta.....	65,233,660	717,489.44	23,318,225	90,277.62	10,408,012	49,818.60	1,015,161	15,493.64	873,079.30
	235,461,703	2,608,807.92	106,098,035	427,263.02	66,843,440	344,065.49	3,016,942	46,086.98	3,426,223.41
					Alberta Mixed Grain 50,668 Pounds.....				3.30
					Adjustments not allocated.....				131.69
					Collections—Aug. 1, 1945 to July 31, 1946.....				3,426,358.40
					Collections—Aug. 1, 1939 to July 31, 1945.....				19,293,317.87
					Total Collections.....				22,719,676.27

(j) STATISTICS

FORT WILLIAM, ONT.,
23rd January, 1947.

The Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I beg to submit the following report for the crop year 1945-46. Grain production for the crop season 1945-46 placed at 294,600,000 bushels of wheat for the Prairie Provinces and 318,512,000 bushels for all of Canada in the third final official estimate was far short of crop returns for 1944-45 amounting to 391,700,000 and 416,635,000 bushels, respectively. The ten-year average wheat production from crop years 1936-37 to 1945-46 was 346.9 million bushels for the Prairie Provinces and 369.9 million bushels for all of Canada.

The Canadian wheat stock carry-over at the close of the year, July 31, 1946 reported at 69,858,181 bushels, represented approximately 27% of the previous year's carry-over of 258,072,830 bushels.

From the 576.6 million bushels of wheat available for distribution during the 1945-46 crop season, 340.1 millions were exported either in the form of wheat or wheat flour, with domestic consumption accounting for the disappearance of a further 166.6 million bushels.

Detailed statistical tables of production, distribution and carry-over are appended.

Farm Deliveries—

Western wheat primary farm marketings for the crop year 1945-46 recorded at 238,262,727 bushels have fallen off over 32% from last year's deliveries of 351,384,318 bushels, and are well below the five year average for the season 1940-41 to 1944-45 of 324,970,112 bushels.

An analysis of farm deliveries by provinces is shown below, and further data on the marketing of coarse grains is furnished in the statistical tables embodied in the report.

WESTERN FARM WHEAT DELIVERIES SEASON 1945-46

	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1945-46	1944-45	5 Yr. Average 1940-41 1944-45
	bush.	bush.	bush.	bush.	bush.	bush.
<i>Delivered to</i>						
Country Elevators.....	29,359,943 ¹	141,082,901 ¹	65,762,154 ¹	236,204,998	347,286,112	319,864,411
Interior Private and Mill Elevators.....	192,207	789,807	594,010	1,576,024	3,487,337	3,678,141
Interior Terminal Elevators (Street Receipts).....	.....	.....	2,428	2,428	3,565	9,000
Loaded over Platforms....	237,341	62,725	179,211	479,277	607,304	1,418,400
Total.....	29,789,491	141,935,433	66,537,803	238,262,727	351,384,318	324,970,112

¹ Preliminary.

LAKE TRANSPORTATION

The season of navigation on the Great Lakes opened with the arrival of the first vessel on April 7, 1946, eleven days behind the earliest date recorded on March 27th, last year.

Lake shipments for all grains during the season, totalling 240,169,917 bushels were over 50% smaller than the 1945 volume of 483,732,468 bushels. This greatly reduced lake grain traffic was due to an unfavourable combination of circumstances: the outcome of a seamen's strike early in the navigation season depleted lakehead stocks during the summer, and keenly competitive pressure from the coal and ore trades for shipping space, for a considerable part of the season.

Wheat vessel cargoes from the lakehead for the season totalled 147,431,300 bushels, in marked contrast with the 5 year average from 1941 to 1945 of 2615.5 million bushels.

FREIGHT RATES

Lake freight rates for wheat and coarse grains from the lakehead to Canadian ports showed no change throughout the 1946 season of navigation, other than the usual rise during December, coincident with the increased insurance rates for navigation on the Great Lakes drew to a close.

The weighted monthly average of lake freight rates per bushel of wheat according to ports of destination during the navigation season, computed from vessel charter confirmations, is shown in the table below.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT CARGOES
SEASON OF NAVIGATION, 1946

Port William—Port Arthur to	April to November	December	Average for Season
	c. per bush.	c. per bush.	c. per bush.
Georgian Bay Ports.....	3.5	5.5	3.57
Port Colborne.....	4.0	6.0	4.055
Toronto.....	5.0	.....	5.0
Kingston.....	5.0	7.0	5.087
Rescott.....	5.0	.....	5.0
St. Lawrence Ports—Direct.....	8.0	.....	8.0

Lake freight rates from the head of the lakes to Buffalo and Erie during the season of navigation ranged between 6 and 6½ cents per bushel payable in American funds on wheat cargoes carried in American vessels. One cargo of wheat cleared for Duluth in a vessel of Canadian registry in April, and carried a lake freight rate of 3.87c. Canadian per bushel.

INLAND WATER FREIGHT RATES ACT

Copies of charter confirmations for all lake grain cargoes clearing Fort William-Port Arthur during the season of navigation were filed by shippers with this office in accordance with the requirements of the Inland Water Freight Rates Act, 1923, as amended.

Statements of weighted average of rates charged for each kind of grain according to month of shipment and port of destination have been prepared from copies of charter confirmations for the information of the Minister, the Board, and others vitally concerned.

EXPORT CLEARANCES.

The volume of Canadian wheat exports in the form of either wheat or wheat-flour for the crop year 1945-46 totalling 340,105,510 bushels, was slightly below the high level established for 1944-45 of 342,945,515 bushels though substantially the excess of the five-year average from 1941-42 to 1945-46—292,702,877 bushels. Shipments of Canadian wheat for United States consumption during the current crop year amounted to 1,132,138 bushels in contrast with 32,531,084 bushels exported, during the season 1944-45. Canadian wheat shipments in 1945-46 under 1944-45 for milling in bond in the United States were 11,200,749 and 9,329,571 bushels.

Approximately 9½ times the wheat volume of overseas exports cleared from Canadian Pacific coast ports in the crop year 1945-46, compared to last year,—15,934,100 as against 7,750,820 bushels.

Wheat-flour exports for all of Canada during 1945-46, totalling 62,037,797 bushels, in terms of wheat equivalent, remained relatively unchanged from last year's shipments of 62,657,244 bushels.

A further break-down of exports is shown in the table appended to this report.

PORT CHURCHILL

While there was no grain movement recorded at the Port of Churchill during the 1945-46 crop year, 2,928,875 bushels of wheat were loaded out for export overseas on 9 steamers which cleared the port in August and September, 1946.

Rail receipts, beginning in August carrying through into September and tapering off in October, 1946, included 1,093,881 wheat bushels.

Grain stocks in the terminal elevator at July 31, 1946, comprising 1,877,611 bushels of wheat and 57 bushels of oats were reduced by the close of the calendar year on December 31, 1946, to 42,642 bushels of wheat with the quantity of oats in store remaining unchanged.

INSURANCE

Care has been exercised in the scrutiny of all insurance policies filed by public, country and semi-public elevators in accordance with section 102 of the Canada Grain Act, and also policies received from licensed elevators under the provisions of Order in Council P.C. 2393, dated April 7, 1941, to assure maintenance of full insurance coverage on grain in store.

PRICES

In compliance with Section 21 of the Canada Grain Act, 1930, as amended, records were maintained in this office of grain prices ruling in principal grain markets, and statements pertaining thereto issued periodically throughout the year.

ANNUAL WEIGH-UP

All the necessary statements required in connection with the weigh-up of grain stored in terminal and eastern elevators carried out by the Board's inspection and weighing departments under the provisions of sections 138 and 138A of the Canada Grain Act have been prepared and submitted to the Board.

GENERAL

During October, along with members of the Board and the secretary, a visit was made to the large United States Lake and Atlantic Seaboard centres to renew contact with officials of produce and corn exchanges and other American grain correspondents.

Through the co-operation of these officials it has become possible to improve and enlarge the scope of the weekly statistical reports on the movement of Canadian grain in the United States, permitting also a more accurate release of weekly in transit returns.

Respectfully submitted,

A. T. CALDER,
Chief Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, 1946—IN BUSHEL

—	*1944	*1945	†1946
On Farms—Estimated.....	53,871,000	28,650,000	27,203,000
In Country, Private Terminal and Mill Elevators.....	143,454,993	68,185,804	15,175,063
In Public and Semi-Public Terminal Elevators.....	56,356,489	78,973,042	6,586,058
In Store and Afloat Eastern Elevators.....	53,725,411	35,230,163	11,525,957
In Eastern Flour Mills.....	2,965,677	3,069,736	2,796,800
In Transit Rail.....	27,763,987	24,371,296	6,437,303
In Store and in Transit in the United States.....	18,393,522	19,592,789	134,000
Total.....	356,531,079	258,072,830	69,858,181

CROPS OF 1945 AND DISPOSITION	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Carry-over July 31, 1945.....	258,072,830	98,255,162	28,919,181	2,023,933	2,932,111
Production—All Canada.....	318,512,000	381,596,000	157,757,000	5,888,000	7,593,000
Total Available Supply.....	576,584,830	479,851,162	186,676,181	7,911,933	10,525,111
Carry-over, July 31, 1946.....	69,858,181	75,221,488	29,634,689	714,486	1,643,259
Total Disposed of.....	506,726,649	404,629,674	157,041,492	7,197,447	8,881,852

EXPORTS

1945-46.....	278,067,713	37,511,258	4,416,254	2,967,803	.....
Wheatflour, Oatmeal, etc., equivalent to.....	62,037,797	6,349,464	.....	.....	.....
Total.....	340,105,510	43,860,722	4,416,254	2,967,803	.....
1944-45 (Revised).....	280,288,271	76,797,715	39,406,518	6,187,583	4,327,362
Wheatflour, Oatmeal, etc., equivalent to.....	62,657,244	8,152,096	.....	.....	.....
Total.....	342,945,515	84,949,811	39,406,518	6,187,583	4,327,362

*Revised. † Subject to Revision.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1945, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1945-46
(ENDED JULY 31)

(a) PRODUCTION

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	38,800,000	54,500,000	52,500,000	379,000	2,800,000
Saskatchewan.....	168,100,000	143,000,000	54,500,000	2,620,000	3,800,000
Alberta.....	87,700,000	76,000,000	37,000,000	1,477,000	738,000
Total.....	294,600,000	273,500,000	144,000,000	4,476,000	7,338,000

(b) PRIMARY MARKETINGS* AT COUNTRY ELEVATORS

Manitoba.....	29,359,943	16,532,970	24,597,153	206,503	1,600,061
Saskatchewan.....	141,082,901	67,682,071	32,121,111	1,842,896	2,559,778
Alberta.....	65,762,154	23,047,372	10,449,861	1,026,632	553,117
Total.....	236,204,998	107,262,413	67,168,125	3,076,031	4,712,956

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1945, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS, CROP YEAR 1945-46
(ENDED JULY 31)—*Concluded*

LOADED OVER PLATFORMS

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Manitoba.....	237,341	94,147	254,043	1,560	1,8
Saskatchewan.....	62,725	63,734	24,480	655	4,2
Alberta.....	179,211	318,520	67,508	2,900	5
Total.....	479,277	476,401	346,031	5,115	6,6

DELIVERIES TO INTERIOR TERMINAL ELEVATORS—PUBLIC AND SEMI-PUBLIC

Manitoba.....		9,769	13,796		
Saskatchewan.....					
Alberta.....	2,428	27,463	2,609		1,3
Total.....	2,428	37,232	16,405		1,3

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	192,207	166,833	106,017		42,5
Saskatchewan.....	789,807	90,551	109,679	2,614	2,8
Alberta.....	594,010	317,024	62,461	5,823	7,3
Total.....	1,576,024	574,408	278,157	8,437	53,3

TRUCKED FROM FARMS INTO U.S.A.

No movement reported for 1945-46

TOTAL MARKETED

Manitoba.....	29,789,491	16,803,719	24,971,009	208,063	1,644,4
Saskatchewan.....	141,935,433	67,836,356	32,255,270	1,846,165	2,566,8
Alberta.....	66,537,803	23,710,379	10,582,439	1,035,355	563,0
Total.....	238,262,727	108,350,454	67,808,718	3,089,583	4,774,3

(c) GRAIN INSPECTED

Manitoba.....	34,650,930	15,762,330	22,378,935	218,820	1,235,7
Saskatchewan.....	164,627,540	62,651,415	27,516,210	1,713,300	3,216,6
Alberta and British Columbia	87,192,390	18,735,030	6,026,225	890,395	651,7
Total.....	286,470,860	97,148,775	55,921,370	2,822,515	5,104,0

(a) PRODUCTION—Final official estimate for Prairie Provinces.

(b) PRIMARY MARKETINGS—Points in Ontario west of Fort William are included in Manitoba figures. Country points in the Peace River Valley situated in B.C. are included in Alberta figures.

(c) Grain Inspections are compiled according to province where grain is grown.

* Preliminary returns.

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS 1945-46

CANADIAN GRAIN

	Wheat	Oats	Barley	Rye
	bush.	bush.	bush.	bush.
Receipts.....	188,209,452	51,884,265	28,393,081	1,263,589
Shipments.....	212,877,109	52,515,466	26,116,659	1,756,506

	Flaxseed	Canadian Corn	Canadian Buckwheat	Canadian Beans
	bush.	bush.	bush.	bush.
Receipts.....	2,730,259	1,329,725	23,836	263,226
Shipments.....	2,798,610	1,284,452	19,171	277,167

	Mixed Grain	Canadian Peas
	bush.	bush.
Receipts.....	248,390	28,757
Shipments.....	320,060	19,500

UNITED STATES GRAIN

	Wheat	Corn	Beans	Rice
	bush.	bush.	bush.	bush.
Receipts.....	731,498	547,085	90,501	192,604
Shipments.....	731,498	313,288	90,501	192,558

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION

(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS) 1945-46

	U.S.A. Wheat	U.S.A. Corn	U.S.A. Beans	U.S.A. Rice	Argentine Corn
	bush.	bush.	bush.	bush.	bush.
at Eastern Elevators.....		301,030	96,501	192,558	160,329
Fort William—Port Arthur.....					
Interior Private Terminals.....					
Pacific Coast Terminals.....		126,404			
Total.....		426,404	90,501	192,558	160,329

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Fort William-Port Arthur—</i>					
Receipts.....	194,764,326	65,938,359	40,188,957	2,733,023	4,359,.....
Shipments.....	243,892,386	76,078,098	40,891,922	3,310,834	4,937,.....
<i>Vancouver-New Westminster—</i>					
Receipts.....	53,995,162	2,588,688	642,911	12,533	.....
Shipments.....	66,319,494	3,268,692	531,894	18,300	.....
<i>Victoria, B.C.—</i>					
Receipts.....	177,356	190			.....
Shipments.....	865,259	5,294			.....
<i>Prince Rupert, B.C.—</i>					
Receipts.....	19,981				.....
Shipments.....	1,003,760				.....
<i>Churchill, Man.—</i>					
Receipts.....					.....
Shipments.....	40				.....
<i>Semi-Public Terminals at—</i>					
<i>North Transcona, Man.—</i>					
Receipts.....	59,493	393,196	256,807		.....
Shipments.....	57,938	387,136	255,346		.....
<i>Kenora, Ont.—</i>					
Receipts.....					.....
Shipments.....	280,917				.....

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
<i>Receipts—</i>					
Calgary.....	307,762	622,337	1,232,693	1,728	.....
Edmonton.....	230,677	906,566	631,033		.....
Lethbridge.....	5,222				.....
Moose Jaw.....	23,187	220,308	62,997		146
Saskatoon.....	87,937	326,496	79,840		.....
Total.....	654,785	2,075,707	2,006,563	1,728	148
<i>Shipments—</i>					
Calgary.....	2,074,308	317,020	598,691	1,728	.....
Edmonton.....	2,425,452	605,203	286,302		.....
Lethbridge.....	680,748				.....
Moose Jaw.....	1,569,805	86,186	3,807		101
Saskatoon.....	3,614,375	229,755	50,418		.....
Total.....	10,364,688	1,238,164	939,218	1,728	102

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR
(INCLUDING DUTY-PAID IMPORTS)

Receipts.....	22,059	.....	3,055,827	243,641	.....
Shipments.....	22,059	.....	3,165,362	243,641	.....

GRAIN COMMISSION

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill (Direct)	Via U.S.A. Atlantic Seaboard Ports	U.S.A. Imports*		Total All Wheat	†Wheat Flour (expressed as Wheat at 4½ bush. per barrel)	Total Wheat and Wheat Flour
					Home Con- sumption Duty-Paid	Milling in Bond			
1945	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
August.....	2,040,827	21,245,023	.....	12,072,440	241,059	873,137	36,472,486	4,979,101	41,451,587
September.....	4,655,016	15,547,416	.....	6,443,040	330,109	812,570	27,788,151	4,293,968	32,082,119
October.....	8,023,201	20,013,166	.....	9,514,398	67,895	1,197,201	38,815,861	4,789,066	43,604,927
November.....	5,212,461	17,623,583	.....	6,842,871	338,695	1,800,177	31,817,757	4,500,905	36,318,692
December.....	5,441,689	7,236,647	.....	7,484,435	96,013	1,486,072	21,744,846	4,344,448	26,089,294
1946									
January.....	7,845,573	4,954,276	.....	7,184,263	15,554	1,972,048	21,971,714	5,124,587	27,096,301
February.....	8,000,259	4,248,240	.....	7,343,353	1,750	349,786	19,943,388	5,111,060	25,054,448
March.....	8,130,384	6,076,398	.....	8,573,358	13,857	572,750	23,366,747	4,690,017	28,056,764
April.....	7,397,463	6,864,162	.....	1,958,190	3,416	555,383	16,778,614	6,651,319	23,429,933
May.....	4,888,445	10,046,422	.....	196,151	22,787	442,619	15,596,424	7,506,562	23,102,986
June.....	2,824,789	13,272,521	.....	63,270	836	753,302	16,914,718	4,771,463	21,686,181
July.....	1,473,993	4,907,880	.....	89,223	167	385,714	6,856,977	5,275,301	12,132,278
Total Crop Year 1945-46.....	65,934,100	132,035,734	.....	67,764,992	1,132,138	11,200,749	278,067,713	62,037,797	340,105,510
Total Crop Year 1944-45.....	7,750,820	148,669,284	.....	82,007,512	32,531,084	9,329,571	280,288,271	62,657,244	342,945,515
5-year average 1941-42 to 1945-46	16,155,991	107,941,472	.....	62,367,598	38,738,500	9,939,480	235,143,041	57,559,836	292,702,877

* U.S.A. Official Figures.

† Customs Figures.

GRADES OF CANADIAN GRAIN EXPORTED OVERSEAS VIA CANADIAN AND
U.S.A. PORTS, CROP YEAR 1945-46

Grade	Via Canadian Pacific Seaboard Ports	Via Canadian St. Lawrence— Atlantic Seaboard Ports	Via U.S.A. Atlantic Seaboard Ports	Total
	bush.	bush.	bush.	bush.
<i>Wheat (All Varieties)—</i>				
1 Man. Hard.....				
1 Man. Northern.....	24,466,631	69,445,713	34,499,716	128,412
2 Man. Northern.....	23,097,929	50,630,266	27,956,892	101,685
3 Man. Northern.....	11,594,029	8,110,898	2,909,510	22,614
4 Man. Northern.....	1,939,926	816,237		2,756
1 C.W. Garnet.....	231,202			231
2 C.W. Garnet.....	2,738,263		316,811	3,055
3 C.W. Garnet.....	1,022,901			1,022
No. 1 Alberta Red Winter.....	582,380	67,758		650
No. 2 Alberta Winter.....	204,831	75,849		280
No. 3 Alberta Winter.....	56,008			56
Seed Wheat.....		323,406	23,864	347
Salvage.....		228,005		228
1 C.W. Amber Durum.....		216,213	211,943	428
2 C.W. Amber Durum.....		1,127,181	1,297,798	2,424
3 C.W. Amber Durum.....		994,208	499,283	1,493
Unspecified Durum.....			49,175	49
Total.....	65,934,100	132,035,734	67,764,992	265,734
<i>Oats—</i>				
2 C.W.....	200,000	860,943	464,175	1,525
Ex. 3 C.W.....		326,074	470,141	796
3 C.W.....	574,505	5,017,127	1,508,729	7,100
Ex. 1 Feed.....	15,638	17,538		33
1 Feed.....	178,092	11,708,693	1,156,813	13,043
2 Feed.....		696,474	12,740	709
3 Feed.....		14,417		14
Tough Grades.....		1,999		1
Others.....		965	126,003	126
Seed Oats.....	46,310	4,121		50
Eastern Oats.....		1,076		1
Unspecified.....			844,016	844
Total.....	1,014,545	18,649,427	4,582,617	24,246
<i>Barley—</i>				
3 C.W. Six-Row.....		372,453		372
1 Feed.....		165,871		165
Others.....		2,000		2
Seed Barley.....	3,000			3
Unspecified.....			211,480	211
Total.....	3,000	540,324	211,480	754
<i>Rye—</i>				
2 C.W.....	286	299,080	266,243	565
3 C.W.....		851,754		851
Total.....	286	1,150,834	266,243	1,417

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATIONS—
CROP YEAR 1945-46—BY PORTS AT WHICH LOADED

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bush.	bush.	bush.	bush.	bush.
Vancouver-New Westminster.....	64,065,081	1,014,545	3,000	286	.....
Victoria.....	865,259	.....	.....	.....	.....
Prince Rupert.....	1,003,760	.....	.....	.....	.....
Collingwood.....	2,667	.....	.....	.....	.....
Port Colborne.....	36,005	.....	.....	.....	.....
Montreal.....	67,984,515	13,829,984	2,000	1,150,834	.....
Sorel.....	12,477,812	2,346,610	538,324	.....	.....
Three Rivers.....	12,750,742	1,496,060	.....	.....	.....
Quebec.....	9,065,680	.....	.....	.....	.....
Saint John.....	1,204,409	.....	.....	.....	.....
West Saint John.....	18,811,969	972,652	.....	.....	.....
Halifax.....	9,701,935	4,121	.....	.....	.....
Total—Canadian Ports.....	197,969,834	19,663,972	543,324	1,151,120	.....
New York.....	19,561,470	2,401,368	211,480	.....	.....
Baltimore.....	21,210,883	1,262,752	.....	116,356	.....
Boston.....	.....	.....	.....	.....	.....
Philadelphia.....	19,127,403	209,507	.....	.....	.....
Portland.....	7,865,236	708,990	.....	149,887	.....
Total—U.S.A. Ports.....	67,764,992	4,582,617	211,480	266,243	.....
Total to Overseas.....	265,734,826	24,246,589	754,804	1,417,363	.....
Wheat Flour (4½ bus. per barrel).....	62,037,797	.....	.....	.....	.....
Rolled Oats and Oatmeal.....	.....	6,349,464	.....	.....	.....
U.S.A. Imports.....	12,332,887	13,264,669	3,661,450	1,550,440	.....
Grand Total.....	340,105,510	43,860,722	4,416,254	2,967,803	.....
		Pounds	Pounds		
Other U.S.A. Imports—					
Oats unhulled Ground.....		77,121,700	.....	.....	.....
Barley Malt.....		.....	5,318,570	.....	.....

BOARD OF GRAIN COMMISSIONERS FOR CANADA
(K) ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, 1946

LICENSEE	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain	
	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit	Surplus	Deficit
<i>Canadian Government—</i>	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.	lbs.
Calgary, Alta.....	.....	1,835-20	517-32	.....	294-04	.....	.....	105-00	.....	.....	.....	2-31	490	.....
Edmonton, Alta.....	.....	739-10	285-30	.....	.....	.....	1,020-40	.....	.....	.....	.....	.....	.....	.....
Lethbridge, Alta.....	474-50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saskatoon, Sask.....	777-00	.....	.....	314-04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moose Jaw, Sask.....	.....	201-00	156-16	.....	.....	.....	97-14	.....	.....	.....	.....	.....	.....	.....
Totals.....	1,251-50	2,775-30	900-10	314-04	294-04	.....	107-14	.....	.....	.....	73-31	.....	35,070	.....
Net Total—Surplus or Deficit	.....	.....	646-06	.....	294-04	.....	1,225-20	105-00	.....	.....	73-31	2-31	35,560	.....
	1,523-40	.....	.....	.....	.....	.....	1,120-20	.....	.....	.....	71-00	.....	35,560	.....

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT,
AS REVEALED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION, AND ARRIVED AT IN THE
MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS						DEFICIENCY					
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
<i>Canadian Government—</i>												
Calgary, Alta.....	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
Edmonton, Alta.....								800-10	1,472-20	57-50		133-50
Lethbridge, Alta.....		467-50						7-40	1,241-40	15-00		7-20
Saskatoon, Sask.....			425-00						1-20			
Moose Jaw, Sask.....								17-30		57-00		
								203-50	-50	4-00		

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

LICENSEE	EXCESS					DEFICIENCY						
	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Canadian Consolidated Grain Co. Ltd.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
"Empire,"
"Thunder Bay"
Eastern Terminal Elevator Co. Ltd.
"Richardson"
Federal Grain Ltd. "Bawlf"
Fort William Elevator Co. Ltd.
Lakehead Terminals Ltd.
Manitoba Pool Elevators Ltd.
"Terminal No. 1"
"Terminal No. 2"
"Terminal No. 3"
"Terminal No. 9"
McCabe Bros. Grain Co. Ltd.
"Dominion Government"
National Grain Co. Ltd. "G.T.P."	6,275-10	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ogilvie Flour Mills Co. Ltd.	2,463-00	25-20	.....	.....	.....	.....	.....	.....	.....	.....
N. M. Paterson and Co. Ltd.	3,607-50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reliance Grain Co. Ltd.
Saskatchewan Pool Terminals Ltd.
"Terminal No. 4"
"Terminal No. 6"
"Terminal No. 7"
Searle Grain Co. Ltd.	4,741-30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United Grain Growers Terminals Ltd.
Western Grain Co. Ltd.	82-20	.....	22,423-00	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—The Stocks of the remaining four Semi-Public elevators are to be audited in 1947.

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGE OR SHORTAGE IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP, 1946, OF GRAIN IN STORE IN EASTERN ELEVATORS AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Collingwood—</i>			
Collingwood Terminals Ltd.	Western Canadian Wheat.....		1,468Pr
	Western Canadian Oats.....		1,494
	Western Canadian Barley.....		1,172
	Western Canadian Rye.....		58
	Western Canadian Screenings.....		1,910
<i>Goderich—</i>			
Goderich El. & Trst. Co. Ltd.	Western Canadian Wheat.....		10,490To
	Western Canadian Oats.....		8,855
	Western Canadian Barley.....		554
	Western Canadian Rye.....		1,331
	Western Canadian Flaxseed.....	181-43	
	Western Canadian Screenings.....		12,022
<i>Goderich—</i>			
Western Canada Flour Mills Ltd.	Western Canadian Wheat.....		8,747Va
	Western Canadian Oats.....		5,286
	Western Canadian Barley.....		2,187
<i>Kingston—</i>			
Kingston Elevator Co. Ltd.	Western Canadian Wheat.....		4,812
	Western Canadian Oats.....		535
	Western Canadian Barley.....		500
	Western Canadian Rye.....		84
	Western Canadian Flaxseed.....		92
<i>Midland—</i>			
Aberdeen Elevator Co. Ltd.	Western Canadian Wheat.....		1,099
	Western Canadian Oats.....		494
	Western Canadian Barley.....		535
	U.S.A. Wheat.....		120
<i>Midland—</i>			
C.N.R. Elevator Co. Ltd.	Western Canadian Wheat.....		8,841
	Western Canadian Oats.....	245-27	
	Western Canadian Barley.....		1,372
	Western Canadian Rye.....		51
	U.S.A. Corn.....		20
<i>Midland—</i>			
Canada Steamship Lines El.	Western Canadian Wheat.....		4,332
	Western Canadian Oats.....	123-17	
	Western Canadian Barley.....		80
<i>Midland—</i>			
Midland-Simcoe Co. Ltd.	Western Canadian Wheat.....		7,64
	Western Canadian Oats.....		6,36
	Western Canadian Barley.....	1,061-14	
<i>Owen Sound—</i>			
Great Lakes Elevator Ltd.	Western Canadian Wheat.....		8,86
	Western Canadian Oats.....	234-08	
	Western Canadian Barley.....		1,25
	Western Canadian Rye.....		1
	Western Canadian Screenings.....		13,240
<i>Port Colborne—</i>			
National Harbours Board El.	Western Canadian Wheat.....		8,21
	Western Canadian Oats.....		1,23
	Western Canadian Barley.....		35
	Western Canadian Rye.....		9
	Western Canadian Flaxseed.....		10
	Western Canadian Screenings.....		2,817
	U.S.A. Beans.....		8
<i>Port Colborne—</i>			
Maple Leaf Milling Co. Ltd.	Western Canadian Wheat.....		14,56
	Western Canadian Oats.....		86
	Western Canadian Barley.....		47
	Western Canadian Rye.....		21
	Western Canadian Oats Groats....	51,170 lbs.	
	U.S.A. Corn.....		10
<i>Port McNicoll—</i>			
C.P.R. Elevator Co. Ltd.	Western Canadian Wheat.....		36,59
	Western Canadian Oats.....		1,67
	Western Canadian Barley.....		2,96
	Western Canadian Rye.....		60
	Western Canadian Flaxseed.....		8
	Western Canadian Mixed Grain....	81,770 lbs.	
	U.S.A. Corn.....		

GRAIN COMMISSION

31

ANNUAL WEIGH-UP, 1946—*Concluded*CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS—*Concluded*

Licensee	Kind of Grain	Overage	Shortage
		bush.	bush.
<i>Humberstone—</i>			
Robin Hood Flour Mills Ltd.	Western Canadian Wheat		7,708-00
	U.S.A. Wheat		450-20
	U.S.A. Corn		19-08
<i>Prescott—</i>			
National Harbours Board El.	Western Canadian Wheat		1,909-00
	Western Canadian Oats		1,120-31
	Western Canadian Barley		431-19
	Western Canadian Flaxseed		36-07
	U.S.A. Corn		46-31
<i>Toronto—</i>			
Toronto Elevators Ltd.	Western Canadian Wheat		7,106-50
	Western Canadian Oats		5,488-08
	Western Canadian Barley		817-09
	Western Canadian Flaxseed		1,623-28
	Western Canadian Beans		-30
	U.S.A. Corn		68-40
<i>Valkerville—</i>			
Hiram Walker & Sons Gr. Corp.	Western Canadian Wheat		955-05
	Western Canadian Oats	538-01	
	Western Canadian Barley		635-20
	Western Canadian Rye		67-06
	Western Canadian Mixed Grains	45,870 lbs.	
<i>Montreal—</i>			
National Harbours Bd. Elev.	Western Canadian Wheat		10,081-00
	Western Canadian Oats		6,206-31
	Western Canadian Barley		1,372-19
	Western Canadian Rye		1,360-21
	Western Canadian Flaxseed		643-30
	Western Canadian Peas		68-40
	Western Canadian Screenings	2,330 lbs.	
	U.S.A. Corn		19-45
	U.S.A. Rice		35-00
	Argentine Corn		6,487-02
<i>Quebec—</i>			
National Harbours Board Elevators	Western Canadian Wheat		469-30
	Western Canadian Oats		353-23
	Western Canadian Barley		304-13
	Western Canadian Screenings		386 lbs.
<i>Sorel—</i>			
North American Elevators Ltd.	Western Canadian Wheat		3,021-50
	Western Canadian Oats		868-19
	Western Canadian Barley		2-04
	Western Canadian Screenings		40 lbs.
<i>Three Rivers—</i>			
Three Rivers Grain & Elevator Co.	Western Canadian Wheat		1,773-50
	Western Canadian Oats		971-08
	Western Canadian Barley		4-10
<i>Halifax—</i>			
National Harbours Board Elevators	Western Canadian Wheat		9,486-00
	Western Canadian Oats		225-31
	Western Canadian Barley		6-21
	U.S.A. Corn		23-01
	Argentine Corn		109-44
<i>Saint John—</i>			
C.N.R. Elevator Co. Ltd.	Western Canadian Wheat		1,397-20
	Western Canadian Oats		15-30
	Western Canadian Barley		84-21
	Western Canadian Screenings		450 lbs.
<i>West Saint John—</i>			
C.P.R. Elevator Co. Ltd. "B"	Western Canadian Wheat		4,412-30
	Western Canadian Oats		165-27
	Western Canadian Barley		10-08
<i>West Saint John—</i>			
C.P.R. Elevator Co. Ltd. "H"	Western Canadian Wheat		9,093-50
	Western Canadian Oats		373-33
	Western Canadian Barley		33-26

NOTE.—The official weigh-up of grain in store in the following elevators was postponed under authority of Order-in-Council P.C. 5293 dated 2nd October, 1940.

Sarnia..... Sarnia Elevator Co. Ltd.
 Montreal..... Dominion Elevator Limited.

BOARD OF GRAIN COMMISSIONERS FOR CANADA
ANNUAL WEIGH-UP, 1946

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AT AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, ARRIVED AT IN THE MANNER PRESCRIBED SECTION 138 CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO.

	St. Boniface	
	Red River Grain Co. Ltd.	
	Excess	Deficiency
	bush.	bush.
1 Manitoba Hard.....		
1 Manitoba Northern.....		97
2 Manitoba Northern.....		4
3 Manitoba Northern.....		13
1 C.W. Garnet.....		
2 C.W. Garnet.....		

No Wheat of the above grades was handled or stored in the following elevators:—

Calgary.....	Canada Malting Ltd.
	Canada Malting Ltd. (Calgary Brewing).
Edmonton.....	United Grain Growers Ltd.
Fort William.....	National Grain Co. Ltd.
Transcona.....	Dominion Malting Co. Ltd.
Winnipeg.....	Canada Malting Co. Ltd.

APPENDIX No. 2

COMMITTEES ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1946

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners.
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 J. Cuddy, Chairman, Grain Appeal Tribunal, Winnipeg.
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton.
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary.
 Dr. J. A. Anderson, Chemist in Charge, Dominion Grain Research Laboratory.
 Dr. L. H. Newman, Dominion Cerealist.
 W. A. Hastings, representing the millers of wheat flour.
 George Bennett
 W. H. Fairfield
 R. H. MacDonald
 B. S. Plumer
 A. F. Sproule
 Dr. L. E. Kirk
 J. Wellbelove
 L. L. Gray
 G. S. Canfield
 W. J. Parker
 R. Barrett
 J. Quick
 G. Constable, representing grain growers in British Columbia.
 Nelson Young, representing Plant Products Division, Department of Agriculture.

COMMITTEE ON EASTERN GRAIN STANDARDS, 1946

- D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 D. A. MacGibbon, Commissioner, Board of Grain Commissioners.
 C. M. Hamilton, Commissioner, Board of Grain Commissioners.
 F. S. Ludlam, Chief Inspector, Board of Grain Commissioners.
 N. Clare Wight, representing Montreal Board of Trade.
 E. D. Sullivan, representing Toronto Board of Trade.
 Guy D. Robinson, representing exporters of grain.
 F. H. Dunsford
 H. Norman Davis
 N. M. Marshall
 W. A. Amos
 Wm. Wallace
 J. M. Vittie
 G. E. McConney
- } representing millers of wheat in the Eastern Division.
 } representing grain growers in Ontario.
 } additional—representing growers of corn.

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

<i>Winnipeg</i>	<i>Calgary</i>	<i>Edmonton</i>
J. Cuddy, Chairman	P. J. Marples, Chairman	C. R. Manahan, Chairman
Grant Hammond	T. F. Allison	H. Landsman
J. McMahon	W. G. McLeod	W. H. Boyle
A. F. Moore	J. Tranter	A. Fraser
James Gregory	J. A. Harris	T. Stickney
S. C. Swanton	W. McLeod	J. A. Kyle
J. F. Lazenby	E. J. Munson	L. T. Ingram
D. K. Mills	G. C. Arbuthnott	J. F. Heathfield
H. R. Ballance	A. Watson	Ross Saunders
S. Billinsky (Secretary)	E. S. Munro (Secretary)	T. A. Lawrence (Secretary)

<i>Toronto</i>	<i>Montreal</i>
G. D. Brundrit	A. Chaplin
C. H. Coatsworth	T. B. Earle
R. O. Pratt	J. A. Byrne
N. H. Campbell	J. M. Vittie
C. W. Heimbecker	T. A. Climo
L. S. Johnston	E. Lorne Tracey, Secretary
W. H. McCarthy	
G. E. McConney	
E. D. Sullivan	
K. F. Wadsworth	
F. D. Tolchard, Secretary	

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1946

	Number of Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	332	39	Nil	293
Calgary.....	357	81	1	275
Edmonton.....	141	16	Nil	125
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	830	136	1	693

APPENDIX No. 4

REPORT OF REGISTRAR

Winnipeg, Manitoba,
December 2, 1946.

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR:—There is submitted hereunder statement showing the total registrations and registrations for cancellation of terminal elevator warehouse receipts and eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1946:

	Bushels Registered	Bushels Registered for cancellation
<i>Winnipeg—</i>		
Wheat.....	196,499,179-50	245,766,499-30
Oats.....	66,142,776-16	77,030,109-23
Barley.....	40,524,613-19	41,286,782-14
Flax.....	4,371,967-13	4,962,747-10
Rye.....	2,753,052-09	3,263,004-52
Mixed Grain.....	746,068-00	567,546-40
Corn.....	60,166-34	63,784-26
Oat Groats.....	22,264-12	
<i>Vancouver—</i>		
Wheat.....	54,203,963-00	67,213,330-10
Oats.....	2,668,816-14	3,346,718-10
Barley.....	6,502,065-22	541,054-00
Flax.....		
Rye.....	12,533-02	18,300-00
Mixed Grain.....	25,076-40	19,206-30
Corn.....	1,269-50	16,371-34
Barley Malt.....		40,573-10
<i>Calgary—</i>		
Wheat.....	307,761-30	2,074,442-30
Oats.....	622,337-02	317,019-06
Barley.....	1,232,687-44	598,693-20
Flax.....	1,000-03	
Rye.....	1,728-24	1,728-24
Mixed Grain.....	7,308-40	7,665-00
Corn.....		500-30
<i>Edmonton—</i>		
Wheat.....	230,676-40	2,409,415-40
Oats.....	902,300-18	601,481-16
Barley.....	635,255-40	234,613-06
Flax.....		
Rye.....		
Mixed Grain.....	3,820-30	3,775-30
Corn.....	3,027-46	5,718-02
<i>Moose Jaw—</i>		
Wheat.....	23,187-50	1,569,805-40
Oats.....	191,846-04	86,185-30
Barley.....	62,996-32	27,590-04
Flax.....	146,731-06	77,688-06
Rye.....		
Mixed Grain.....	6,206-00	13,871-40
Corn.....		
Sunflower Seeds.....	5,530-00	158,499-10

	Bushels Registered	Bushels Registered for cancellati
<i>Saskatoon—</i>		
Wheat.....	87,936-50	3,614,375-
Oats.....	326,490-30	229,754-
Barley.....	79,840-40	50,415-
Flax.....		28-
Rye.....	1,082-13	
Mixed Grain.....		2,945-
Corn.....		
Sunflower Seeds.....	19-04	27,635-
<i>Lethbridge—</i>		
Wheat.....	4,738-20	680,134-
Flax.....	630-12	48-
<i>Prince Rupert—</i>		
Wheat.....	19,981-00	1,003,799-
Sunflower Seeds.....		
<i>Total—</i>		
Wheat.....	251,377,425-00	342,331,803-
Oats.....	70,854,567-16	81,611,269-
Barley.....	49,037,460-05	42,739,148-
Flax.....	4,520,331-34	5,040,512-
Rye.....	2,768,395-48	3,283,033-
Mixed Grain.....	789,110-10	615,010-
Corn.....	64,464-18	86,374-
Sunflower Seeds.....	5,530-00	186,134-
Oat Groats.....	22,264-12	
Barley Malt.....		40,573-

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	321,437,571-40	342,314,049-
Oats.....	70,480,066-12	70,960,341-
Barley.....	31,137,741-04	28,859,301-
Flax.....	3,522,229-10	3,771,233-
Rye.....	2,207,493-45	2,419,924-
Mixed Grain.....	8,592-20	6,469-
Corn.....	2,622,697-11	2,429,390-
Screenings.....	1,445,756-04	1,574,537-
Buckwheat.....	23,842-40	20,027-
Beans.....	353,830-10	377,714-
Peas.....	26,293-10	19,901-
Rice.....	192,604-00	192,604-

Yours respectfully,

E. L. JAFFRAY,
Registrar.

APPENDIX No. 5

REPORT OF THE CHIEF GRAIN INSPECTOR

1064 Grain Exchange,

Winnipeg, Man., December 9, 1946.

Mr. J. Rayner, Secretary,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit herewith the annual report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31, 1946.

The total number of cars inspected in the Western Division for the year 1945-46 was 249,528 as against 353,339 for the previous year, a decrease of 103,811 cars.

F. S. LUDLAM,
Chief Grain Inspector.

WESTERN DIVISION

The total primary inspections in the Western Division from August 1, 1945 to July 31, 1946, are made up as follows:

	Cars	Percentages
Wheat.....	170,349	68.268
Oats.....	42,565	17.059
Barley.....	30,082	12.056
Flax.....	3,810	1.527
Rye.....	1,808	.725
Mixed Grain.....	398	.159
Corn.....	41	.016
Buckwheat.....	5	.002
Screenings.....	379	.152
Peas.....	79	.032
Sunflower Seeds.....	6	.002
Soybeans.....	6	.002
Total.....	249,528	100.000

The grades of wheat are as follows:—

	Cars	Per- centages	Totals	Percent of total Inspection
1 Manitoba Hard.....	16	·010		
1 Manitoba Northern.....	51,940	31·592		
2 Manitoba Northern.....	66,645	40·537		
3 Manitoba Northern.....	17,753	10·798		
4 Manitoba Northern.....	6,172	3·754		
No. 4 Special.....	123	·075		
No. 5.....	3,062	1·862		
No. 6.....	321	·195		
Feed.....	65	·040		
Sample.....	134	·082		
Smutty.....	418	·254		
Tough.....	16,526	10·052		
Damp.....	145	·088		
Rejected.....	1,085	·660		
No. 5 Special.....	2	·001		
Total Red Spring Wheats.....	164,407	100·000	164,407	96·51
1 Garnet.....	105	5·026		
2 Garnet.....	1,010	48·349		
3 Garnet.....	473	22·642		
Tough Garnet.....	496	23·743		
Damp Garnet.....	1	·048		
Rejected Garnet.....	4	·192		
Total Garnet Wheats.....	2,089	100·000	2,089	1·22
1 Amber Durum.....	112	4·326		
2 Amber Durum.....	1,024	39·552		
3 Amber Durum.....	604	23·329		
4 Amber Durum.....	69	2·665		
Smutty Amber Durum.....	77	2·974		
Tough Amber Durum.....	613	23·677		
Damp Amber Durum.....	32	1·236		
Rejected Amber Durum.....	44	1·700		
Sample Amber Durum.....	14	·541		
Total Amber Durum Wheats.....	2,589	100·000	2,589	1·52
1 White Spring.....	1	2·041		
2 White Spring.....	29	59·183		
3 White Spring.....	11	22·449		
4 White Spring.....	6	12·245		
Smutty White Spring.....	1	2·041		
Damp White Spring.....	1	2·041		
Total White Spring Wheats.....	49	100·000	49	·02
1 Mixed Wheat.....	39	35·781		
2 Mixed Wheat.....	1	·917		
3 Mixed Wheat.....	14	12·844		
4 Mixed Wheat.....	2	1·835		
5 Mixed Wheat.....	24	22·018		
6 Mixed Wheat.....	1	·917		
Tough Mixed Wheat.....	19	17·431		
Smutty Mixed Wheat.....	2	1·835		
Rejected Mixed Wheat.....	6	5·505		
Sample Mixed Wheat.....	1	·917		
Total Mixed Wheat.....	109	100·000	109	·06
1 Alberta Red Winter.....	671	60·670		
2 Alberta Winter.....	320	28·932		
3 Alberta Winter.....	79	7·143		
Tough Alberta Winter.....	10	·904		
Smutty Alberta Winter.....	19	1·718		
Rejected Alberta Winter.....	7	·633		
Total Alberta Winter Wheat.....	1,106	100·000	1,106	·64
TOTAL ALL WHEATS.....	170,349		170,349	100·00

The grades of oats are as follows:—

	Cars	Percentages
1 Canada Western.....	7	·016
2 Canada Western.....	2,664	6·259
Extra 3 Canada Western.....	3,518	8·265
3 Canada Western.....	12,914	30·339
Extra 1 Feed.....	2,817	6·618
1 Feed.....	14,468	33·991
2 Feed.....	3,345	7·858
3 Feed.....	351	·824
Mixed Feed Oats.....	22	·052
Rejected Oats.....	79	·186
Sample.....	49	·116
Tough.....	2,302	5·408
Damp.....	29	·068
Total.....	42,565	100·000

The grades of barley are as follows:—

	Cars	Percentages
1 Canada Western Six-Row.....	12	·040
2 Canada Western Six-Row.....	778	2·586
3 Canada Western Six-Row.....	2,153	7·157
1 Canada Western Two-Row.....	15	·050
2 Canada Western Two-Row.....	305	1·014
2 Canada Western Yellow.....	118	·392
3 Canada Western Yellow.....	1,515	5·036
1 Feed.....	8,249	27·422
2 Feed.....	7,632	25·371
3 Feed.....	1,787	5·940
Rejected.....	49	·163
Sample.....	9	·030
Tough.....	7,054	23·449
Damp.....	406	1·350
Total.....	30,082	100·000

The grades of flax are as follows:

	Cars	Percentages
1 Canada Western.....	3,505	91·995
2 Canada Western.....	128	3·360
3 Canada Western.....	62	1·627
4 Canada Western.....	9	·236
Rejected.....	1	·026
Sample.....	13	·341
Tough.....	80	2·099
Damp.....	11	·290
Flax and Broken Wheat.....	1	·026
Total.....	3,810	100·00

The grades of rye are as follows:—

	Cars	Percentages
1 Canada Western.....	30	1·659
2 Canada Western.....	625	34·569
3 Canada Western.....	550	30·420
4 Canada Western.....	55	3·042
Ergoty Rye.....	75	4·148
Rejected.....	1	·055
Tough.....	457	25·278
Damp.....	7	·387
Sample.....	8	·442
Total.....	1,808	100·000

The grades of mixed grain are as follows:—

	Cars	Percentage
No. 1.....	77	19.3
No. 2.....	25	6.2
No. 3.....	205	51.5
Tough.....	68	17.0
Damp.....	3	.7
Rejected.....	2	.5
Smutty.....	2	.5
Sample.....	16	4.0
Total.....	398	100.0

The grades of corn are as follows:—

	Cars	Percentage
No. 2 Canada Western Yellow.....	2	4.8
No. 4 Canada Western Yellow.....	8	19.5
No. 5 Canada Western Yellow.....	8	19.5
Tough.....	3	7.3
Damp.....	1	2.4
Moist.....	1	2.4
Wet.....	8	19.5
Sample.....	10	24.3
Total.....	41	100.0

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1945 TO JULY 31, 1946

	Cars	Percentage
Winnipeg.....	190,280	76.2
Calgary.....	22,082	8.8
Moose Jaw.....	5,188	2.0
Saskatoon.....	5,145	2.0
Medicine Hat.....	3,796	1.5
Lethbridge.....	242	.0
Vancouver.....	860	.3
Edmonton.....	21,935	8.7
Total.....	249,528	100.0

SUMMARY OF CARS REINSPECTED 1945-1946

	Winnipeg		Calgary	
Cars Inspected.....	190,280		22,082	
Cars Reinspected.....	21,530	11.31%	2,653	12.01%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	11,636	54.05	1,525	57.4
Grades Raised.....	4,521	20.99	522	19.6
Grades Lowered.....	323	1.5	18	.6
Dockage Raised.....	432	2.01	106	4.0
Dockage Lowered.....	4,618	21.45	482	18.1
Total.....	21,530	100.00	2,653	100.0

SUMMARY OF CARS REINSPECTED—Continued

	Edmonton		Saskatoon	
Cars Inspected.....	21,935		5,145	
Cars Reinspected.....	4,749	21.65%	189	3.67%
Reinspections	Cars	Per Cent	Cars	Per Cent
Left as Graded.....	3,436	72.35	176	93.12
Grades Raised.....	290	6.11	13	6.88
Grades Lowered.....	4	.09		
Dockage Raised.....	76	1.60		
Dockage Lowered.....	943	19.85		
Total.....	4,749	100.00	189	100.0
	Moose Jaw		Medicine Hat	
Cars Inspected.....	5,188		3,796	
Cars Reinspected.....	330	6.41%	74	1.95%
Reinspections	Cars	Per cent	Cars	Per cent
Left as Graded.....	274	83.03	35	47.30
Grades Raised.....	49	14.85	28	37.84
Grades Lowered.....	5	1.51	5	6.76
Dockage Raised.....			2	2.70
Dockage Lowered.....	2	.61	4	5.40
Total.....	330	100.00	74	100.00
	Lethbridge		Vancouver	
Cars Inspected.....	242		860	
Cars Reinspected.....	Nil		4	0.46%
Reinspections	Cars	Per Cent	Cars	Per cent
Left as Graded.....			4	100.00
Grades Raised.....				
Grades Lowered.....				
Dockage Raised.....				
Dockage Lowered.....				
Total.....			4	100.00
	The Pas		Churchill	
Cars Inspected.....	Nil		Nil	

RECAPITULATION OF REINSPECTIONS

Total Cars Inspected.....	249,528		
Total Cars Reinspected.....	29,529	11.83%	
	Cars	Per Cent	Per Cent of Total Inspections
Left as Graded.....	17,086	57.86	6.85
Grades Raised.....	5,423	18.37	2.17
Grades Lowered.....	355	1.20	0.14
Dockage Raised.....	616	2.09	0.25
Dockage Lowered.....	6,049	20.48	2.42
Total.....	29,529	100.00	11.83

SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Per cent	Cars	Per cent	Cars	Per cent	Cars	Per cent
Left as Graded.....	293	88.25	125	88.65	275	77.03	693	88.65
Grades Raised.....	39	11.75	16	11.35	81	22.69	136	11.35
Grades Lowered.....					1	.28	1	
Dockage Raised.....								
Dockage Lowered.....								
Total.....	332	100.00	141	100.00	357	100.00	830	100.00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Per Cent
Total Inspections.....	249,528	100
Total Appeals.....	830	
Total Grades Changed.....	274	

GRAIN INSPECTED AND SHIPPED BY VESSEL AUGUST 1, 1945 TO JULY 31, 1946

	Fort William and Port Arthur	Vancouver	Victoria	Prince Rupert
	bushels	bushels	bushels	bushels
Wheat.....	230,680,184.40	63,942,698.42	865,259.10	1,003,751.00
Oats.....	61,981,003.01	1,034,117.04		
Barley.....	34,065,161.39			
Flax.....	3,335,533.47			
Rye.....	2,698,339.22	285.40		
Mixed Grain.....	228,197.10			
Screenings.....	4,810,910.20			

"OUTWARD CARS" INSPECTED CROP YEAR AUGUST 1, 1945 TO JULY 31, 1946
EX PUBLIC, SEMI-PUBLIC AND PRIVATE ELEVATORS

—	Winnipeg	Calgary	Fort William and Port Arthur	Moose Jaw	Saskatoon	Lethbridge	Vancouver	Edmonton	Total
Wheat.....	143	1,193	7,993	954	2,159	375	1,167	1,322	15,306
Oats.....	1,435	249	5,963	343	113	.....	937	380	9,420
Barley.....	476	944	3,903	14	25	.....	308	137	5,807
Flax.....	.....	.....	930	69	.....	.....	.....	.....	999
Rye.....	1	4	343	.....	2	.....	10	.....	360
Mixed Grain.....	64	17	83	26	2	.....	9	4	205
Corn.....	8	.....	7	.....	.....	.....	.....	1	16
Sunflower Seeds.....	.....	.....	.....	104	17	.....	.....	.....	121
Screenings.....	459	254	2,237	205	203	.....	655	17	4,030
Peas.....	8	.....	.....	.....	.....	.....	.....	.....	8
Soybeans.....	2	.....	.....	.....	.....	.....	.....	.....	2
Total.....	2,596	2,661	21,459	1,715	2,521	375	3,086	1,861	36,274

TRADE AND COMMERCE

EASTERN DIVISION

TOTAL INSPECTIONS AUGUST 1, 1945 TO JULY 31, 1946

Carloads—

Grain Grown in Eastern Division—

	Cars	Car
At Montreal.....	26	
At Toronto.....	1,419	
At Chatham.....	2,523	

Cargoes—

Grain Grown in Eastern Division:

	Bushels	Bus
At Toronto:—		
1 C Yellow Soybeans.....	139,138	

GRAIN CARGOES SAMPLED BUT NOT INSPECTED AUGUST 1, 1945 TO JULY 31, 1946

	Bushels	Bus
Western Grain.....	191,142,377	
Eastern Grain.....	541	
	<hr/>	191,142
At Montreal.....	117,705,653	
At Sorel.....	18,894,391	
At Three Rivers.....	14,246,796	
At Quebec.....	9,065,674	
At Saint John.....	21,276,180	
At Halifax.....	9,889,224	
At Toronto.....	65,000	
	<hr/>	191,142

CAR LOADS SAMPLED BUT NOT INSPECTED AUGUST 1, 1945 TO JULY 31, 1946

	Montreal	Toronto	Chatham
Western Grain.....	74	7	
Eastern Grain.....	28	2	
Miscellaneous Grain.....		2	
Total.....	102	11	

GRADES OF CAR LOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
No. 1 C.E. White Winter.....		93	1	94
No. 2 C.E. White Winter.....		23	11	34
No. 3 C.E. White Winter.....		1		1
No. 1 C.E. Red Winter.....		8	16	24
No. 2 C.E. Red Winter.....			9	9
No. 3 C.E. Red Winter.....			1	1
No. 4 C.E. Red Winter.....			1	1
No. 1 C.E. Mixed Winter.....		495	186	681
No. 2 C.E. Mixed Winter.....		170	41	211
No. 3 C.E. Mixed Winter.....		6	4	10
Tough.....		493	231	724
Smutty.....		43	17	60
Sample.....		17	2	19
<i>Rye—</i>				
No. 1 C.E.....		1		1
No. 2 C.E.....		3		3
Tough.....		4	1	5
<i>Oats—</i>				
No. 2 C.E. White.....			7	7
No. 3 C.E. White.....			16	16
No. 4 C.E.....			2	2
Tough.....			4	4
<i>Flax—</i>				
No. 2 C.E.....	1			1
No. 3 C.E.....	2	1		3
No. 4 C.E.....	4			4
Tough.....	7	6		13
Sample.....	1			1
<i>Corn—</i>				
Extra Dry No. 1 C.E. Yellow.....			7	7
No. 1 C.E. Yellow.....		3	35	38
Extra Dry No. 2 C.E. Yellow.....			3	3
No. 2 C.E. Yellow.....		1	27	28
Extra Dry No. 3 C.E. Yellow.....			8	8
No. 3 C.E. Yellow.....		1	34	35
No. 4 C.E. Yellow.....			9	9
No. 5 C.E. Yellow.....			2	2
Extra Dry No. 1 C.E. White.....			1	1
Extra Dry No. 1 C.E. Mixed.....			1	1
No. 1 C.E. Mixed.....			1	1
Extra Dry No. 3 C.E. Mixed.....			1	1
Tough.....		3	58	61
Damp.....			78	78
Moist.....		5	500	505
Wet.....		4	903	907
Sample.....		1	2	3
<i>Buckwheat—</i>				
Tough.....	5		2	7
Damp.....	4		7	11
<i>Soybeans—</i>				
No. 1 C. Yellow.....		5	46	51
No. 2 C. Yellow.....			1	1
No. 3 C. Yellow.....			1	1
Tough.....		19	119	138
Damp.....		6	16	22
Moist.....		6	7	13
Wet.....		1	1	2
<i>Pea Beans—</i>				
No. 2 C.E.....			2	2
No. 4 C.E.....			2	2
Tough.....	1		39	40
Damp.....	1		60	61

APPENDIX No. 6

REPORT OF THE GRAIN WEIGHMASTER

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the Grain Weighing Branch of the Board for the crop year, 1945-46.

Weighing Services

In the Western Division this Branch supplied weighing services to Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board for the purpose of weighing all grain received into and shipped out of these elevators, as required under Section 91 and 123 of the Act. Weighing services were also supplied at Mill Elevators to comply with the Act. In the Eastern Division weighing services are available at the following points: Midland, Port McNicoll, Owen Sound, Goderich, Toronto, and Sarnia. Weighmen are appointed at these points for the purpose of weighing car and truck-lot shipments of grain for domestic use out of elevators located in their respective districts and are paid on a fees basis.

Inspection of Scales

In the Western Division, the annual inspection of scales was made in accordance with the Weights and Measures Act and Regulations 1929, Chapter 212, Section 50 in the following licensed elevators: all terminal elevators at Port Arthur and Fort William; the Canadian Government Interior Elevators; the elevators loading to tide waters at the Pacific coast and the National Harbour Board Elevator at Port Churchill; and in the Eastern Division those elevators situated at the Georgian Bay and Lower Lake Ports, Upper St. Lawrence, Lower St. Lawrence and Atlantic Ports.

The above inspections were conducted by my assistant, W. H. Combs and myself, and for which certificates of verification were issued.

Semi-annual inspections of scales in a large number of elevators in the Western Division were made, also special inspection of scales in elevators where thought necessary in both Eastern and Western Divisions.

Maintenance of Equipment

Considering the difficulty of securing certain materials, the equipment used in the weighing and handling of grain has been maintained in good condition in various licensed elevators in both Eastern and Western Divisions.

Car Shortages

Very few complaints were received during the crop year on the outturns of cars unloaded at Terminal Elevators considering the large number of cars handled. Complaints received were carefully investigated and where the investigation warranted, adjustments were made.

Vessel Shortages

There is attached a statement showing the average reported shortage in pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur and unloaded at Canadian and American Ports. There were 1,487 cargoes loaded during the year.

Complaints were received on the outturn of some cargoes which were carefully investigated and reports forwarded to the Board.

Annual Audits

The grain in store in all Public Terminal and Semi-Public Terminal Elevators and the top four grades of wheat and the two top grades of garnet wheat in Private Terminal Elevators situated in the Western Division were weighed over during the crop year. Also all grain in store in Elevators in the Eastern Division operating under an Eastern Elevator licence was weighed over, with the exception of one which was estimated, it being impossible to weigh over this elevator on account of its heavy stocks. Statements of the correct quantities of the various grades in store in each of the above elevators which were weighed over, were prepared by this Branch and forwarded to the Board to permit of the adjustment of the outstanding warehouse receipts in Public and Semi-Public Terminal Elevators and the establishment of overages in Terminal and Eastern Elevators in accordance with the provisions of Section 138 and 138A of the Canada Grain Act.

Enclosed are statements showing average reported shortage of pounds per thousand bushels on vessel shipments from the Lakehead to Canadian and American Ports; receipts and shipments at the various points; report of cars arriving at destination leaking, not protected by seals, and with defective seals; also cars reported leaking and with defective seals in Winnipeg railway yards.

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster.

Following are the quantities of the various grains which were weighed in and out of elevators at the following points in the Western Division during the crop year ending July 31st, 1946.

FORT WILLIAM—PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	bush.	bush.	bush.	bush.
Wheat.....	199,709,116	1,628,458	16,520	201,354,094
Oats.....	66,727,825	635,671		67,363,496
Barley.....	40,801,139	96,704		40,897,843
Rye.....	2,811,915	21,935		2,833,850
Flaxseed.....	5,123,093	11,384		5,134,477
Canadian Corn.....	30,171	29,995		60,166
Mixed Grain.....	31,324,657 lbs.	6,111,560 lbs.		37,436,217
Sunflower Seeds.....				
All Screenings.....	25,769,160 lbs.	30,766,020 lbs.		56,535,180

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Vessel	Rail	
	bush.	bush.	bush.	bush.	bush.
Wheat.....	230,663,608	13,229,082	16,577	1,629,238	245,538,505
Oats.....	61,981,002	14,097,096		636,250	76,714,348
Barley.....	34,065,162	6,826,785		96,902	40,988,849
Rye.....	2,698,339	612,494		21,969	3,332,802
Flaxseed.....	3,335,534	1,722,274		11,694	5,069,502
Canadian Corn.....		34,717		30,029	64,746
Mixed Grain.....	11,003,780 lbs.	11,015,180 lbs.		6,560,785 lbs.	28,579,745
Sunflower Seeds.....					
All Screenings.....	289,060,696 lbs.	145,497,480 lbs.		31,501,840 lbs.	466,060,016

GROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1945-46
IN ELEVATORS AT THE FOLLOWING POINTS

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	58,363,067	4,444,656	1,408,990	103,209	1,555		107,462	16,595,100
Victoria.....	181,815							
Prince Rupert.....	19,986							
Churchill.....								
Calgary.....	313,388	625,726	1,241,801	1,728	812			367,000
Edmonton.....	237,361	911,843	637,923			3,029		193,000
Lethbridge.....	5,381				797			
Moose Jaw.....	23,529	221,767	63,404		165,276			511,000
Saskatoon.....	90,972	331,194	81,275					34,000
North Transcona and Kenora.....	59,629	395,810	259,342					4,097,000

ROSS HANDLINGS OF ALL CANADIAN GRAINS DURING THE CROP YEAR 1945-46 IN ELEVATORS AT THE FOLLOWING POINTS—*Concluded*

SHIPMENTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Corn	Miscellaneous
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	lbs.
Vancouver and New Westminster.....	69,289,562	5,086,540	1,306,208	107,426	1,991	33,207	126,404	55,955,980
Victoria.....	865,259	5,294						202,550
Prince Rupert.....	1,003,759							
Burhill.....	40							
Calgary.....	2,074,308	317,020	598,690	1,728		500		1,539,460
Edmonton.....	2,425,451	605,203	286,302			6,603		2,707,580
Lethbridge.....	680,747				631			140,770
Moose Jaw.....	1,569,836	86,185	3,807		102,491			8,417,440
Saskatoon.....	3,614,375	229,754	50,418		28			2,710,410
North Transcona and Kenora.....	57,938	387,136	255,346					3,713,360

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT ELEVATORS, CROP YEAR, 1945-1946

Kenora.....	160
Keewatin.....	7,686
Winnipeg.....	16,867
Saskatoon.....	5,826
Moose Jaw.....	6,066
Calgary.....	5,788
Edmonton.....	1,089
Medicine Hat.....	4,610
Lethbridge.....	239
Total.....	48,331

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1945-46

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	9,060	1,441	367
Elevators, excluding Lakehead.....	3,308	714	196
Total.....	12,368	2,155	563

CANADIAN NATIONAL RAILWAYS

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	11,304	623	144
Elevators, excluding Lakehead.....	2,795	197	101
Total.....	14,099	820	245
Total both roads.....	26,467	2,975	808

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing Defective Seals
C.P.R. Yards.....	3,064	
C.N.R. Yards.....	1,729	
Total.....	4,793	

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHEL
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Lbs. per 1,000 bushels
Wheat.....	176,738,238-30	Short 29.08
Oats.....	49,327,543-26	Short 20.88
Barley.....	30,049,958-40	Short 34.26
Rye.....	1,082,056-20	Short 193.55
Flaxseed.....	2,970,283-27	Short 22.24
Screenings.....	24,503-0460 tons	Short .36 lbs. per

AMERICAN PORTS

Wheat.....	54,283,778-30	Short 33.01
Oats.....	12,995,868-00	Short 21.97
Barley.....	3,958,311-45	Short 67.82
Rye.....	1,631,285-20	Short 122.98
Flaxseed.....	365,250-20	Short 23.67
Screenings.....	114,878-1410 tons	Short .05 lbs. per

GRAND TOTALS—GRAIN SHIPPED

Wheat.....	231,022,017-00	Short 30.00
Oats.....	62,323,411-26	Short 21.11
Barley.....	34,008,270-37	Short 38.16
Rye.....	2,713,341-40	Short 151.15
Flaxseed.....	3,335,533-47	Short 22.09
Screenings.....	139,381-1870 tons	Short .11 lbs. per

APPENDIX No. 7

REPORT OF GENERAL MANAGER, CANADIAN GOVERNMENT
ELEVATORS

Fort William, Ont.,
November 27, 1946.

The Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1945-46.

ELEVATORS OPERATED

During the entire year the interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and the elevator at Prince Rupert, B.C., were all operated under Public Terminal Elevator licenses.

ELEVATOR LEASED

The elevator at Port Arthur, Ont., continued to be operated by McCabe Grain Co. Ltd., under lease covering a term of five years from August 1st, 1944.

TARIFF OF CHARGES

The tariff of charges for the handling, storing, cleaning and drying of grain remained the same as that in effect the previous year.

VOLUME OF GRAIN HANDLED

Receipts of grain into the elevators amounted to 4,927,415 bushels, a decrease of 3,860,586 bushels from the amount received the previous year. A comparative statement of receipts by elevators for the two years follows:

Elevator	1944-45	1945-46	Decrease	Increase
	bush.	bush.	bush.	bush.
Moose Jaw.....	3,081,883	459,606	2,622,277	.....
Saskatoon.....	3,384,867	494,273	2,890,594	.....
Calgary.....	938,966	2,172,577	.....	1,233,611
Edmonton.....	1,377,580	1,775,125	.....	397,545
Lethbridge.....	4,705	5,853	.....	1,148
Prince Rupert.....	Nil	19,981	.....	19,981
	8,788,001	4,927,415	5,512,871	1,652,285
Net Decrease.....			3,860,586	

Shipments of grain from all elevators amounted to 13,685,952 bushels compared with 9,795,744 bushels the previous year. The figure for the current year includes 1,003,760 bushels shipped from Prince Rupert, most of which had been in storage at that point since 1939-40. In addition to the above grain, Sunflower Seed to the amount of 4,643,965 pounds was shipped from the Moose Jaw elevator and 534,555 pounds from Saskatoon, clearing the stocks of this commodity which had been accumulated at those points.

Stocks in store at all elevators on July 31, 1946, amounted to 2,022,416 bushels, compared with 10,778,159 bushels at the same date last year. This decrease was due to the heavy demand for overseas shipments.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

Shortages of both materials and labour have caused delay in proceeding with contemplated post-war projects, but, as far as possible, buildings, equipment and trackage have been maintained in good condition, expenditures for this purpose being included in operating costs.

Major repairs and replacements include the following items:

BUILDINGS

Port Arthur—The building housing the Grain Inspection Branch was enlarged to provide better accommodation for the Weighing Branch.

Moose Jaw —The entire roofing of the workhouse and storage annexes was removed and replaced with new roofing.

Calgary —Repairs to annex roofs and cupola walls commenced in the previous year were completed.

EQUIPMENT

Port Arthur—Six Superior Cylinder cleaning machines were completely overhauled and cylinders and other worn parts replaced. Extensive repairs were done on trippers and spouting in the elevator and on boat loading spouts.

Moose Jaw —500 Elevator Buckets.

Saskatoon —1—75 H.P. Silent Chain Drive completely replaced.

Edmonton —1—300 K.V.A. Capacitator replaced.

TRACKAGE

Moose Jaw —1,000 Treated Track Ties.
3,000 Tie plates.

Saskatoon —1,000 Treated Track Ties.
84 Treated Switch Ties.
2,000 Tie Plates.

Calgary — 550 Treated Track Ties
20 Treated Switch Ties

Lethbridge — 500 Treated Track Ties.
112 Treated Switch Ties.

GENERAL

With a view to reducing the hazard of fire and dust explosion and to improve working conditions, a contract has been entered into for the installation of a complete dust control system in the trackshed, workhouse and storage annex basement at the Port Arthur Elevator. This work is now in progress.

Contracts are being negotiated for similar installations at the Edmonton and Calgary elevators, and it is anticipated that work on both these will commence in the near future.

A contract has been entered into for the erection of three exterior fire escapes at Port Arthur elevator.

Tenders have been accepted for repairing bins and water-proofing of the entire concrete structures at Moose Jaw, Saskatoon and Calgary. Start of this work was delayed owing to shortage of cement. It will proceed as soon as weather conditions permit.

STAFFS

Staffs at all points have been maintained at the minimum of requirements. One permanent employee resigned and two were retired, one on account of ill-health and one on account of age. Three temporary employees resigned, and two returned from military service and did not desire reinstatement in their former positions. One permanent employee was reinstated on return from military leave.

Three temporary employees were appointed to fill vacant positions. Eighteen former temporary employees were granted permanent status.

In order to reduce the time worked by night watchmen from twelve to eight hours per night, three additional watchmen were engaged and two appointed from present staffs.

Effective August 1, 1946, payment of wages at hourly rates was discontinued and all employees are now paid at annual salary rates.

FINANCIAL RESULTS OF OPERATION

During the fiscal year ended March 31, 1946, gross earnings amounted to \$753,859.45 and expenditures \$373,936.22, leaving a surplus of \$379,923.23, an increase of \$37,189.36 over the surplus for the previous fiscal year. Decreases occurred in earnings from Storage \$145,000.00, Elevation \$20,000.00 and Cleaning \$4,000.00, whilst revenue from sale of Screenings increased \$43,000.00 and rental of Port Arthur elevator \$23,000.00. Administration expenditures increased \$2,000.00 whilst operating expenses decreased \$12,000.00 and maintenance \$133,000.00.

Following the procedure of former years no provision is made in the financial statements for depreciation of plants and equipment, but, as stated above, the expenditures for maintenance of these are included in operating costs.

Respectfully submitted,

R. HETHERINGTON.

General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

December 23, 1946.

Board of Grain Commissioners,
Winnipeg, Man.

SIRS,—I have the honour to submit the following summary report on the Grain Research Laboratory for the year 1946.

Hard red spring wheat of the 1946 crop was slightly higher in milling and baking quality than the longtime average. Nos. 1 and 2 Northern were similar in quality and about equal to the corresponding grades of last year; No. 3 Northern was higher in baking strength and lower in bushel weight than the higher grades and was superior in baking strength to last year's grade. The removal of Pelissier from grades 1 and 2 C.W. Amber Durum effected a marked improvement in the macaroni-making quality of these grades in 1946, but farmers continued to grow a large amount of this variety, which graded 3 C.W. Amber Durum and thus reduced the quality of that grade. Malting barley of the 1946 crop was closely similar in quality to that of the 1945 crop, and the new grades of 2 and 3 C.W. Yellow were again lower in malt extract and enzymatic activity than 2 and 3 C.W. Six-Row barley. The 1946 flax crop was superior in drying quality of its oil to the 1945 crop, equal in oil content, and slightly lower in protein content of the oil-free meal.

Some difficulty was experienced in collecting adequate information on new crops for the Committee on Western Grain Standards owing to the late harvest in Northern Alberta. Fully representative samples of grades 1 and 2 Northern were obtained, but samples of 3 Northern and lower grades represented estimates of probable average quality based on samples available at the time of the meeting. As usual, assistance was given to the Inspection Branch in the preparation of tentative standard samples and tentative export standard samples of hard red spring and durum wheats. Supervision of moisture tests in all offices of the Inspection Branch was continued. The principal additional work undertaken for the Inspection Branch involved the testing of dried wheats, and prompt service was given by means of a more rapid test for injury recently developed in the Laboratory. Extensive drying of wheat was undertaken this fall at Vancouver for the first time in several years, and grain driers were also in operation at the Head of the Lakes. With one exception all driers were put into operation without difficulty and only a negligible quantity of wheat was damaged in initial batches.

During 1946 an extensive collaborative test of new Canadian varieties was undertaken in co-operation with cereal chemists in the United Kingdom, the United States, and Canada. Data from these tests, and those obtained in earlier years, were considered by the Associate Committee on Grain Research, and two new varieties, Redman and Rescue, were subsequently recommended for licensing. Redman is a wheat of outstanding agronomic, milling, and baking qualities,

particularly adapted to Manitoba and Eastern Saskatchewan. Rescue, though not quite equal to Redman in baking quality, is an exceptional variety because of its resistance to the sawfly. No need existed for elaborate international variety trials of material grown in 1946, but less extensive tests, restricted to Canadian chemists, are in progress to provide information for plant breeders.

Research in the milling and baking section is centred mainly on the development of modifications of the Extensograph and new techniques for its use. This machine measures the physical properties of dough, and recent developments suggest that it may become a very useful instrument for assessing quality of bread wheats. The durum section devised new equipment and procedures for making macaroni from 50-gram samples of semolina. Flexibility of processing procedure and precise control at each stage make the new method superior to other laboratory techniques, and, in spite of the micro-scale, the new method will probably displace the macro macaroni-making and disc procedures previously used in the Laboratory. In the analytical section attention has been paid to the development of rapid methods for the determination of protein, to a study of the incidence of starchy and piebald kernels in Canadian wheat, and to further analysis of the significance of accumulated data on variations in the protein content of wheat of various grades. The malting laboratory has been hampered by the loss of junior staff; in addition to studies of new varieties, research has been undertaken on the relation between the nitrogen content of the wort and malting quality.

Expansion of the staff and facilities of the Grain Research Laboratory, forecast in last year's report, has proceeded slowly. Examinations have been held for new and vacant positions in the Laboratory, but no additional appointments have been made as yet. The problem of building up a strong staff for the Laboratory will not be readily solved in view of the existing scarcity of trained personnel caused by the war. Efforts to obtain additional space for the Laboratory early in 1946 were not successful, but it is probable that at least one additional room can be obtained in 1947. On the other hand, considerable progress was made in bringing the equipment of the Laboratory up to date.

During the year the Laboratory sent to the Board 36 reports, 11 of which were published. The published reports included the Annual Report of the Laboratory, 4 crop bulletins, and 6 press releases giving preliminary information on the quality of 1946 crops of various grains. In order to provide early information on hard red spring wheats of different protein contents, the Laboratory distributed on September 17 a large detailed protein map based on data for the first 3,278 samples analysed in the fall. This was later augmented by a second map and a bulletin based on results for 5,554 samples.

In addition to the reports made to the Board, the following scientific papers have been published or are in press in various scientific journals:

- EVA, W. J. and RANKIN, E. E. A comparison of five methods for determining starch content of wheat. *Can. J. Research, B.* 23:260-268. 1946.
- HLYNKA, K. and ANDERSON, J. A. A machine for measuring the extensibility and resistance to extension of gluten. *Cereal Chem.* 23:115-134. 1946.
- GOULDEN, C. H. and PAULL, A. E. Statistical methods in Cereal Chemistry. *Biometrics Bull.* 2:26-30. 1946.
- AITKEN, T. R. and ANDERSON, J. A. Conflicting opinions on quality in bread wheats. *Trans. Amer. Assoc. Cereal Chem.* (In press).
- AITKEN, T. R., FISHER, M. H. and ANDERSON, J. A. Blending value of Canadian wheat. *Sci. Agr.* 26:578-589. 1946.

- FISHER, M. H. and MEREDITH, W. O. S. Note on a semi-micro milling procedure for durum wheat. *Cereal Chem.* 23:565-568. 1946.
- MARTIN, V. G., IRVINE, G. N., and ANDERSON, J. A. A micro method for making macaroni. *Cereal Chem.* 23:569-579. 1946.
- MARTIN, V. G. and ANDERSON, J. A. Apparatus and technique for photographing grain kernels and small objects. *Sci. Agr.* 26:419-425. 1946.
- MEREDITH, W. O. S. Analysis of data for A.A.C.C. Check Sample Service. II. Protein and thiamine results, 1944-45. *Cereal Chem.* 23:585-590. 1946.
- MEREDITH, W. O. S. and ANDERSON, J. A. Laboratory evaluation of the malting quality of Montcalm, a new smooth-awned variety. *Proceedings of the A.S.B.C.* (In press).
- MEREDITH, W. O. S. Malting quality of Canadian Barleys. V. Summary of seven years tests on Montcalm, a new smooth-awned variety. *Sci. Agr.* 26:560-565. 1946.
- MEREDITH, W. O. S. A simplified procedure for the determination of barley extract. *Cereal Chem.* (In press).

A detailed report of the work of the Grain Research Laboratory is in preparation. In accordance with past practice, it is recommended that this report be published separately to put on record data on the quality of the more important Canadian grain crops and progress reports of laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,

Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR
FISCAL YEAR ENDING MARCH 31, 1946

(a) WINNIPEG—

Revenue—

License Fees.....	\$	30,002 00
Registration.....	\$	18,825 69
Cancellation Fees.....		21,224 55
		40,050 24
Inspection Fees.....	282,887 91	
Overtime.....	490 25	
Samples Sold.....	12,723 79	
Cargo Certificate Splits.....	236 30	
Refund Express.....	1,716 25	
Sampling Fees.....	667 50	
		298,722 00
Appeal Fees.....		1,449 00
Weighing Fees.....	22,544 22	
Overtime.....	487 90	
Condition Reports.....	252 50	
		23,284 62
Casual Revenue.....		103 98

393,611 84

*Expenditure—**Board and Executive Offices—**Salaries—*

Commission and Secretary.....	36,620 00
Secretary's Office.....	11,167 65
Licensing and Bonding.....	14,120 81

Rents—

Executive Office.....	3,234 30
Licensing and Bonding.....	1,054 44

Travelling Expenses—

Grain Commission.....	1,941 22
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General Expenses—

Grain Commission.....	3,852 51
Licensing and Bonding.....	515 51

Printing and Stationery—

Grain Commission.....	1,059 11
Licensing and Bonding.....	2,192 70

75,758 25

Assistant Commissioner's Office—

Salaries.....	9,069 47
Rent.....	543 12
Travelling Expenses.....	291 47
General Expenses.....	146 14

10,050 20

Grain Research Laboratory—

Salaries.....	40,153 02
Rent.....	8,419 20
Travelling Expenses.....	2,648 31
General Expenses.....	11,690 55
Printing and Stationery.....	2,536 00

65,447 08

Registration Branch—

Salaries.....	12,301 53
Rent.....	1,381 44
Travelling Expenses.....	139 15
General Expenses.....	348 05
Printing and Stationery.....	209 88

14,380 05

Accounts—

Salaries.....	8,506 17
Printing and Stationery.....	309 73
General Expenses.....	148 80

8,964 70

Inspection Branch—

Salaries.....	338,803 05
Rent.....	15,848 60
Travelling Expenses.....	1,952 20
General Expenses.....	13,402 55
Printing and Stationery.....	4,750 25

374,756 65

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—*Continued*

(a) WINNIPEG—*Concluded*—*Expenditure—Con.—**Weighing Branch—*

Salaries.....	32,041 02	
Rent.....	1,282 92	
General Expenses.....	397 06	
Printing and Stationery.....	6 00	
	<hr/>	33,727 00

Grain Appeal Tribunal—

Salaries.....	4,380 00	
Rent.....	369 12	
General Expenses.....	1,055 00	
	<hr/>	5,804 12

Grain Standards Committee—

Travelling Expenses.....	1,566 49	
General Expenses.....	1,240 00	
	<hr/>	2,806 49

591,694 54

(b) CHURCHILL—

*Expenditure—**Weighing Branch—*

Travelling Expenses.....		70 30
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(c) KEEWATIN—

*Revenue—**Inspection Branch—*

Overtime.....	32 00	
Casual.....	8 40	
	<hr/>	40 40

Weighing Branch—

Weighing Fees.....	7,180 00	
Overtime.....	41 60	
	<hr/>	7,221 60

7,262 00

Expenditure—

Salaries—Inspection Branch.....		2,075 76
Salaries—Weighing Branch.....	5,117 84	
General Expenses—Weighing.....	60 00	
	<hr/>	5,177 84

7,253 60

(d) KENORA—

Revenue—

Weighing Fees.....		917 37
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Expenditure—

Salaries—Weighing Branch.....		916 37
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(e) SASKATOON—

Revenue—

Inspection Fees.....	9,087 46	
Overtime.....	10 00	
Samples Sold.....	592 53	
	<hr/>	9,689 99
Weighing Fees.....	9,704 46	
Overtime.....	23 00	
	<hr/>	9,727 46

19,417 45

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	9,258 06	
Travelling Expenses.....	669 76	
General Expenses.....	85 26	
Printing and Stationery.....	5 34	
	<hr/>	10,018 42

Inspection Branch—

Salaries.....	15,401 98	
Rent.....	877 00	
General Expenses.....	543 33	
Printing and Stationery.....	202 73	
	<hr/>	17,025 04

Weighing Branch—

Salaries.....	11,014 22	
General Expenses.....	8 71	
	<hr/>	11,022 93

38,066 39

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

(f) MOOSE JAW—

Revenue—

Inspection Fees.....	7,667 07	
Overtime.....	112 50	
Samples Sold.....	385 14	
Sampling Fees.....	252 00	
		8,416 71

Weighing Fees.....	7,490 07	
Overtime.....	262 80	
		7,752 87

16,169 58

Expenditure—

Inspection Branch—

Salaries.....	13,237 24	
Rent.....	900 00	
General Expenses.....	1,122 39	
Printing and Stationery.....	125 85	
		15,385 48

Weighing Branch—

Salaries.....	8,255 00	
General Expenses.....	21 82	
		8,276 82

23,662 30

(g) MEDICINE HAT—

Revenue—

Inspection Fees.....	3,882 05	
Samples Sold.....	341 23	
Casual.....	835 44	
		5,058 72

Weighing Fees.....	4,560 05	
Casual.....	474 20	
		5,034 25

10,092 97

Expenditure—

Inspection Branch—

Salaries.....	3,088 98	
Rent.....	240 00	
Printing and Stationery.....	82 43	
General Expenses.....	299 40	
		3,710 81

Weighing Branch—

Salaries.....	5,176 82	
General Expenses.....	4 82	
		5,181 64

8,892 45

(h) LETHBRIDGE—

Revenue—

Inspection Fees.....	685 23	
Samples Sold.....	26 61	
		711 84

Weighing Fees.....		660 23
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1,372 07

Expenditure—

Inspection Branch—

Salaries.....	4,694 16	
Travelling Expenses.....	67 40	
General Expenses.....	20 13	
		4,781 69

Weighing Branch—

Salaries.....	3,567 52	
Travelling Expenses.....	555 70	
General Expenses.....	11 50	
		4,134 72

8,916 41

(i) CALGARY—

Revenue—

Inspection Fees.....	22,030 56	
Samples Sold.....	1,150 28	
Refund—Express.....	124 00	
		23,304 84

Weighing Fees.....	9,663 01	
Overtime.....	897 65	
		10,560 66

Appeal Fees.....		774 00
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34,639 50

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

(i) CALGARY—Concluded

*Expenditure—**Assistant Commissioner's Office—*

Salaries.....	9,341 04	
Rent.....	828 00	
Travelling Expenses.....	321 99	
General Expenses.....	233 39	
Printing and Stationery.....	14 26	
		10,738 68

Inspection Branch—

Salaries.....	36,544 52	
Rent.....	3,001 00	
Travelling Expenses.....	1,733 46	
General Expenses.....	2,257 29	
Printing and Stationery.....	330 69	
		43,867 06

Weighing Branch—

Salaries.....	22,848 26	
Rent.....	314 04	
Travelling Expenses.....	823 80	
General Expenses.....	276 17	
		24,262 27

Grain Appeal Tribunal—

Salaries.....	3,953 82	
Rent.....	420 00	
General Expenses.....	616 00	
Printing and Stationery.....	16 00	
		5,005 82

83,873 83

(j) PRINCE RUPERT—

Revenue—

Inspection Fees.....	1,115 76	
Overtime.....	124 20	
		1,239 96
Weighing Fees.....	1,125 76	
Overtime.....	178 20	
		1,303 96

2,543 92

*Expenditure—**Inspection Branch—*

Salaries.....	124 20	
Travelling Expenses.....	792 50	
		916 70

Weighing Branch—

Salaries.....	2,476 32	
Travelling Expenses.....	922 65	
		3,398 97

4,315 67

(k) EDMONTON—

Revenue—

Inspection Fees.....	27,221 23	
Samples Sold.....	981 92	
Refund—Express.....	186 25	
		28,389 40
Weighing Fees.....	6,510 43	
Overtime.....	33 30	
		6,543 73
Appeal Fees.....		399 00

35,332 13

*Expenditure—**Inspection Branch—*

Salaries.....	46,267 19	
Rent.....	3,834 00	
Travelling Expenses.....	496 59	
General Expenses.....	2,224 76	
Printing and Stationery.....	702 94	
		53,525 48

Weighing Branch—

Salaries.....	9,581 04	
General Expenses.....	282 22	
		9,863 26

Grain Appeal Tribunal—

Salaries.....	4,701 96	
Rent.....	510 00	
General Expenses.....	349 30	
Printing and Stationery.....	68	
		5,561 94

68,950 68

GRAIN COMMISSION

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STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—Continued

(l) VANCOUVER—

Revenue—

Inspection Fees.....	60,914 67	
Overtime.....	2,644 05	
Samples Sold.....	2,714 92	
		66,273 64
Weighing Fees.....	91,812 38	
Overtime.....	3,483 20	
		95,295 58
Registration Fees.....	2,011 83	
Cancellation Fees.....	2,521 12	
		4,532 95
		166,102 17

Expenditure—

Inspection Branch—

Salaries.....	72,021 41	
Rent.....	4,239 00	
Travelling Expenses.....	1,431 15	
General Expenses.....	1,983 79	
Printing and Stationery.....	855 77	
		80,531 12

Weighing Branch—

Salaries.....	70,177 76	
Rent.....	1,659 00	
Travelling Expenses.....	206 10	
General Expenses.....	1,059 92	
Printing and Stationery.....	124 76	
		73,227 54

Registration Branch—

Salaries.....	4,619 16	
Rent.....	1,092 00	
General Expenses.....	166 63	
		5,877 79
		159,636 45

(m) FORT WILLIAM—

Revenue—

Inspection Fees.....	515,062 36	
Overtime.....	9,341 85	
Cargo Certificate Splits.....	7 10	
Samples Sold.....	16,210 32	
Casual.....	138 60	
		540,760 23
Weighing Fees.....	775,226 64	
Overtime.....	7,463 05	
Sundries.....	12 00	
		782,701 69
		1,323,461 92

Expenditure—

Inspection Branch—

Salaries.....	415,169 56	
Rent.....	12,536 88	
Travelling Expenses.....	2,496 63	
General Expenses.....	10,237 73	
Printing and Stationery.....	4,746 43	
		445,187 23

Weighing Branch—

Salaries.....	303,896 74	
Rent.....	2,851 68	
Travelling Expenses.....	10,358 41	
General Expenses.....	3,378 08	
Printing and Stationery.....	2,839 79	
		323,324 70

Assistant Commissioner's Office—

Salaries.....	8,953 14	
Rent.....	540 00	
Travelling Expenses.....	153 90	
General Expenses.....	198 44	
		9,845 48

Statistical Branch—

Salaries.....	44,823 24	
Rent.....	3,705 00	
General Expenses.....	1,930 45	
Printing and Stationery.....	1,101 76	
		51,560 45
		829,917 86

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—*Continued*

(n) TORONTO—

Revenue—

Sampling Fees.....	36 00	
Inspection Fees.....	1,792 41	
Overtime.....	9 00	
Samples Sold.....	29 96	
		<hr/>

1,867 37

*Expenditure—**Inspection Branch—*

Salaries.....	5,150 04	
Rent.....	540 00	
General Expenses.....	282 54	
		<hr/>

5,972 58

(o) MONTREAL—

Revenue—

Inspection Fees.....	387 13	
Overtime.....	80 25	
Sampling Fees.....	841 60	
Samples Sold.....	139 53	
Cargo Certificate Splits.....	815 10	
		<hr/>
	2,263 61	

Registration Fees.....	5,456 94	
Cancellation Fees.....	5,594 21	
		<hr/>

11,051 15

13,314 76

*Expenditure—**Inspection Branch—*

Salaries.....	45,810 58	
Rent.....	1,940 04	
Travelling Expenses.....	6,547 74	
General Expenses.....	860 92	
Printing and Stationery.....	83 40	
		<hr/>
	55,242 68	

Registration Branch—

Salaries.....	4,976 61	
Rent.....	420 00	
Printing and Stationery.....	86 64	
General Expenses.....	470 73	
		<hr/>
	5,953 98	

Weighing Branch—

Salaries.....	786 04	
Rent.....	480 00	
Travelling Expenses.....	1,812 73	
Printing and Stationery.....	423 85	
General Expenses.....	152 59	
		<hr/>
	3,655 21	

64,851 87

(p) VICTORIA—

Revenue—

Inspection Fees.....	1,172 47	
Overtime.....	127 00	
Samples Sold.....	19 11	
		<hr/>
	1,318 58	

Weighing Fees.....	1,304 47	
Overtime.....	120 20	
		<hr/>

1,424 67

2,743 25

*Expenditure—**Inspection Branch—*

Salaries.....	2,278 60	
Travelling Expenses.....	19 60	
General Expenses.....	8 74	
		<hr/>
	2,306 94	

Weighing Branch—

Salaries.....	2,023 79	
Travelling Expenses.....	166 95	
General Expenses.....	2 00	
		<hr/>
	2,192 74	

4,499 68

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1946—*Concluded*

(q) CHATHAM—

Revenue—

Inspection Fees.....	3,200 12	
Samples Sold.....	244 35	
Sampling Fees.....	6,706 40	
Casual.....	1 40	10,152 27

*Expenditure—**Inspection Branch—*

Salaries.....	12,435 35	
Rent.....	420 00	
Travelling Expenses.....	5,950 79	
Printing and Stationery.....	223 01	
General Expenses.....	466 34	19,495 49

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE

Points	Inspection		Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Winnipeg.....	298,764	00	23,317	62	1,449	00	40,050	24	30,030	20					78				393,611	84
Keewatin.....	40	40	7,221	60															7,262	00
Kenora.....			917	37															917	37
Saskatoon.....	9,689	99	9,727	46															19,417	45
Moose Jaw.....	8,416	71	7,752	87															16,169	58
Medicine Hat.....	5,058	72	5,034	25															10,092	97
Lethbridge.....	711	84	660	23															1,372	07
Calgary.....	23,304	84	10,560	66	774	00													34,639	50
Prince Rupert.....	1,239	96	1,303	96															2,543	92
Edmonton.....	28,389	40	6,543	73	399	00													35,332	13
Vancouver.....	66,273	64	95,295	58			4,532	95											166,102	17
Fort William.....	540,760	23	782,701	69															1,323,461	92
Toronto.....	1,867	37																	1,867	37
Montreal.....	2,263	61					11,051	15											13,314	76
Victoria.....	1,318	58	1,424	67															2,743	25
Chatham.....	10,152	27																	10,152	27
	998,251	56	952,461	69	2,622	00	55,634	34	30,030	20					78				2,039,000	57

GRAIN COMMISSION

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EXPENDITURE

Winnipeg.....	374,756 65	33,727 00	5,804 12	14,380 05	85,808 45	8,964 70	65,447 08	2,806 49	591,694 54
Churchill.....	.....	70 30	.....	.....	.....	.....	.....	.....	.....	70 30
Keewatin.....	2,075 76	5,177 84	.....	.....	.....	.....	.....	.....	.....	7,253 60
Kenora.....	.....	916 37	.....	.....	.....	.....	.....	.....	.....	916 37
Saskatoon.....	17,025 04	11,022 93	.....	.....	10,018 42	.....	.....	.....	.....	38,066 39
Moose Jaw.....	15,385 48	8,276 82	.....	.....	.....	.....	.....	.....	.....	23,662 30
Medicine Hat.....	3,710 81	5,181 64	.....	.....	.....	.....	.....	.....	.....	8,892 45
Lethbridge.....	4,781 69	4,134 72	.....	.....	.....	.....	.....	.....	.....	8,916 41
Calgary.....	43,867 06	24,262 27	5,005 82	.....	10,738 68	.....	.....	.....	.....	83,873 83
Prince Rupert.....	916 70	3,398 97	.....	.....	.....	.....	.....	.....	.....	4,315 67
Edmonton.....	53,525 48	9,863 26	5,561 94	.....	.....	.....	.....	.....	.....	68,950 68
Vancouver.....	80,531 12	73,227 54	.....	5,877 79	.....	.....	.....	.....	.....	159,636 45
Fort William.....	445,187 23	323,324 70	.....	.....	9,845 48	51,560 45	.....	.....	.....	829,917 86
Toronto.....	5,972 58	.....	.....	.....	.....	.....	.....	.....	.....	5,972 58
Montreal.....	55,242 68	3,655 21	.....	5,953 98	.....	.....	.....	.....	.....	64,851 87
Victoria.....	2,306 94	2,192 74	.....	.....	.....	.....	.....	.....	.....	4,499 68
Chatham.....	19,465 49	.....	.....	.....	.....	.....	.....	.....	.....	19,495 49
	1,124,780 71	508,432 31	16,371 88	26,211 82	116,411 03	51,560 45	8,964 70	65,447 08	2,806 49	1,920,986 47

Total Revenue.....\$ 2,039,000 57

Total Expenditure.....1,920,986 47

Net Surplus.....\$ 118,014 10

SUMMARY OF OPERATION BY BRANCHES

REVENUE

Points	Inspection	Weighing		Appeal Boards		Registration		Commission		Statistical		Accounting		Research Laboratory		Grain Standards		Total	
	\$ cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	937,106 43	938,699 09	2,622 00	55,634,34	30,002 00													1,964,063 86	
Overtime.....	12,971 10	12,990 90																25,962 00	
Sampling.....	8,503 50																	8,503 50	
Express Charges.....	2,026 50																	2,026 50	
Cargo Splits.....	1,058 50																	1,058 50	
Samples Sold.....	35,559 69																	35,559 69	
Condition Reports.....		252 50																252 50	
Sundries.....		12 00																12 00	
Casual.....	1,025 84	507 20						28 20						78				1,562 02	
	998,251 56	952,461 69	2,622 00	55,634 34	30,030 20									78				2,039,000 57	

EXPENDITURE

Salaries.....	1,013,102 72	477,878 74	13,035 78	21,897 30	98,530 17	44,823 24	8,506 17	40,153 02										1,717,927 14	
Rents.....	44,376 52	6,587 64	1,299 12	2,893 44	6,199 86	3,705 00		8,419 20										73,480 78	
Travel.....	21,488 06	14,916 64		139 15	3,378 34			2,648 31										44,136 99	
Expenses.....	33,709 91	5,654 89	2,020 30	985 41	5,031 25	1,930 45	148 80	11,690 55										62,411 56	
Printing and Stationery.....	12,103 50	3,394 40	16 08	296 52	3,271 41	1,101 76	309 73	2,536 00										23,030 00	
	1,124,780 71	508,432 31	16,371 88	26,211 82	116,411 03	51,560 45	8,964 70	65,447 08										1,920,986 47	

Total Revenue..... 2,039,000 57

Total Expenditure..... 1,920,986 47

Net Surplus..... 118,014 10

APPENDIX No. 10

REGULATIONS OF THE BOARD

During 1946 Regulations Nos. 22, 38, 40 and 42 were amended and consolidated.

The Regulations of the Board in effect at 31st December, 1946 are as follows:—

- No. 1—Registration and Cancellation of Terminal Warehouse Receipts.
- 4—Inspection of Samples taken other than at an Inspection Point.
- 11—Procedure for Appeals from Inspection Officers to Grain Appeal Tribunals.
- 14—Construction of Elevators.
- 21—Cleaning Grain and Bins.
- 22—Fees.
- 23—Form of Terminal Warehouse Receipt.
- 35—Registration and Cancellation of Transfer and Eastern Warehouse Receipt.
- 36—Delivery of Grain to Ocean Vessels at Montreal.
- 37—Maximum Tariff of Charges and Shrinkage Allowance for Licensed Country Elevators.
- 38—Maximum Tariff of Charges—Terminal Elevators at Fort William—Port Arthur and Winnipeg.
- 39—Maximum Tariff of Charges—Government Interior Terminal Elevators at Saskatoon, Moose Jaw, Calgary, Edmonton and Lethbridge.
- 40—Maximum Tariff of Charges—Terminal Elevators west of Calgary.
- 41—Maximum Tariff of Charges—Terminal Elevator at Churchill, Manitoba.
- 42—Maximum Tariff of Charges for handling Grain at Eastern Elevators.
- 43—Procedure—Country Elevators.
- 44—Drying of Grain.
- 45—Records, Reports and Returns.
- 46—Receipt for Grain delivered to Private Country Elevators and Mill Elevators.
- 47—Inspection of Grain at The Pas, Manitoba.
- 48—Names and Definitions of "Off Grades" for Western Grain.
- 49—Names and Definitions of "Off Grades" for Eastern Grain.
- 50—Names and Definitions of Grades for Screenings.
- 51—Receipt of Wheat into Licensed Country Elevators from Railway Cars.
- 52—Binning of Tough Wheat with Straight Grade Wheat.
- 53—Enforcement of Lien by Sale of Grain.
- 54—Receipt, Handling, Storage and Shipment of Grain—Temporary Terminal Annexes.
- 55—Delivery of Grain to Ocean Vessels at West St. John, New Brunswick.
- 56—Inspection of Grain, Lethbridge and Coutts, Alberta.
- 57—Delivery of Grain to Ocean Vessels at East St. John, New Brunswick.
- 58—Delivery of Grain to Ocean Vessels at Halifax, Nova Scotia.
- 59—Maximum Tariff of Charges for handling Sunflower seed at Licensed Elevators.

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